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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
                           GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-08-890-865A-1

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US-09-48-016-9918

US-09-949-016-6288

US-09-949-016-6288

US-09-949-016-10608

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                      using sw model
                                                                                                                                                                     October 25, 2005, 15:30:58
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match Length DB
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Perfect score:
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## ALIGNMEN

-----LG-EPEGRASPDSPLTRWTKSLHSLLGDQDGAYLFRTFLEREKCVDTLDFWFA 113 74 Indels 164; Gaps Length 855; COMPUTER FEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
SOFTWARING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,865A
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATYONENY/AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
REPERENCE/DOCKET NUMBER: 0575/54249
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1991-0526 12 DPSSSFREDAPRPPVPGEEGETPPCQPSVGKVQSTKPMPVS 39.1%; Score 1736; DB 3; I 44.5%; Pred. No. 1.6e-147; tive 128; Mismatches 214; US-08-890-865A-10
Sequence 10, Application US/08890865A
Patent No. 6307019
Patent Low Town Town Town Tritle OF INVENTION:
APPLICANT: Zeng, Li
TITLE OF INVENTION: AXIN GENE AND USES THEREOF
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: COOPER & Dunham LLP STREET: Cooper & Dunham LLP STREET: 1185 Avenue of the Americas CITY: New York STATE: New York COUNTRY: US ZIP: 10036 Conservative 128; TELEFAX: (212)391-0526 INFORMATION FOR SEQ ID NO: 10: SEQUENCE CHARACTERISTICS: LENGTH: 855 amino acids TYPE: amino acid MOLECULE TYPE: Protein linear Best Local Similarity Matches 406; Conserv STRANDEDNESS:

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                               CNGFROMN----LKDTKTLRVAKAIYKRYI-ENNSVVSKOLKPATKTYIRDGIKKOOIGSV 169
                                          QQIREDEEKEGSEQALSSRDGAPVQHPLALLPSG------SYSE 433
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                                                                                 PVNPYHVGSGYVFAPATSANDSE ---LSSDALTDDSMSMTDSSVDGVPPYRMGSKKQLQR
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                                                                       MFDQAQTEIQAVMEENAYQVFLTSDIYLEYVRSGGENTAYMS--NGGLGSLKVLCGYLPT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: AXIN GENE AND USES THEREOF NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      E: Cooper & Dunham LLP
1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1, Application US/08890865A Patent No. 6307019 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Constantini, Franklin APPLICANT: Zeng, Li
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EEKIIGKVEKID 855
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STREET: 118
CITY: New Y
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US-08-890-865A-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  64 EPEGRASPDSPLTRWTKSLHSLLGDQDGAYLFRTFLEREKCVDTLDFWFACNGFRQMNLK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         12 DPSSSFREDAPRPPVPGEEGE----TPPCOPSV--GKVOSTKPMPVSSNARRNEDGLG-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            144; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 992;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,865A FILING DATE: 10-UUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 37.2%; Score 1655; DB 3; Best Local Similarity 42.7%; Pred. No. 4.3e-140; Matches 390; Conservative 133; Mismatches 246;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  606 VMRTPGCOSPG----PGHRSPDSGH-----
                                                                                                                                                                                                                                                                                                                               REFERENCE DOCKET NUMBER: 0575/54249
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)78-0400
TELEPHONE: (212)391-0526
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 992 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: Protein
                                       ZIP: 10036
COMPUTER READABLE FORM:
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STRANDEDNESS: si
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New York
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                                                                                                                                                                                                                                                                                                                                         SYBEDPQTILDDHLSRVLKTPGCQSPGVGRYSPRSRSPDHHHQHHHHQQCHTLLSTGGKL 489
                                                                                                                                                    218 MFDQAQTEIQATMEENTYPSFLKSDIYLEYTRIGSESPKVCSDQSSGSGTGKGISGYLPT 277
                                                                                                                                                                                                              277 SDPVNPYHVGSGYVFAPATSANDSE---LSSDALTDDSMSMTDSSVDGVPPYRMGSKKQL 333
                                                                                                                                                                                                                                                                           CNGFROMNLKDT ---KTLRVAKAIYKRYI-ENNSVVSKQLKPATKTYIRDGIKKQQIGSV 169
                                                                                                                                                                                          INEEBEWIC------ADLKCKLSPTVVGLSSKTLRATASVRSTETAENGFRSFKR 276
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-----EVPGASEDAEKNQKIMQWIIEGEKEISRHRRTGHGSSGTRKPQPHEN9RP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GGMSSAAGGPQLPG---EEGDRSQDVWQWMLESERQ----SKSKPHSAQSIRKSYPLESARA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      754 HALQASELVVTYFFCGEEIPYRRMLKAQSLTLGHFKEQLSKKGNYRYYFKKASDEFACGA
                                                                               650 APGERVSRHHLLGASGHSRSVARAHPFTQDPAMPPLTPPNTLAQLEEACRRLAEVSK---
                  55 ARRNEDGLG-EPEGRASPDSPLTRWTKSLHSLLGDQDGAYLFRTFLEREKCVDTLDFWFA
                                                                                                                           MFDQAQTEIQAVMEENAYQVFLTSDIYLEYVRSGGENTAYMS--NGGLGSLKVLCGYLPT
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874 VFEEVREDEAVLPVFEEKIIGKVEKVD 900
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STREET: 1185 Avenue of the Americas
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; Patent No. 6307019
; GENERAL INFORMATION:
APPLICANT: Constantini, Franklin APPLICANT: Zeng, Li
TITLE OF INVENTION: AXIN GENE AND USI
NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        914 VFEEIWDDETVLPMYEGRILGKVERID
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US-08-890-865A-19
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                                                                                                                                          --EEGDRSQDVWQWMLESERQ---SKSKPHSAQSIRKSYPLESARAAPGERVSRHHLLGA
                                                                                                                                                                                 RDRNHSAAGQAGASPFANP-----SLAPEDHKEPKKLASVHALQASELVVTYFF
                                                                                                                                                                                                                R-----GRICVRPACAPVLSVVPAVSDLELSETETKSQRKAGGGSAPPCDSIVVGYYF
                                                                                                                    SCHSRSVARAHPFTQDPAMPPLTPPNTLAQLEBACRRLAEVSK-----PQKQRCCVASQQ
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   DPSSSFREDAPRPPVPGEEGETPPCQPSVGKVQSTKPMPVS--
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APPLICATION NUMBER: US/08/890,865A FILING DATE: 10-1097
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 36.1%; Score 1605; DB 3; Best Local Similarity 41.2%; Pred. No. 1.2e-135; Matches 382; Conservative 125; Mismatches 248;
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CIASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/54249
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4, Application US/08890865A
Patent No. 6307019
GENERAL INFORMATION:
APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
TITLE OF INVENTION: AXIN GENE AND U
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AXIN GENE AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Cooper & Dunham LLP STREET: 1185 Avenue of the Amer CITY: New York STATE: New York COUNTRY: US
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980 FEEKIIGKVEKVD 992
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: single
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83 HSLLGDQDGAYLFRIFLEREKCVDTLDFWFACNGFR-----QMNLKDTKTLRVAKAIYK 136
                                                                                                                                                                                                                                                                                Sequence 2, Application US/09498959 Patent No. 6410240 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-894-749-2; Sequence 2, Application US/09894749; Sequence 2, Application US/09894749; Patent No. 6830914; EDERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
US-09-498-959-2
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199 LD 200
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Patent No. 6274362

GENERAL INFORMATION:

APPLICANT: Hodge Martin R.

APPLICANT: Yowe, David

TITLE OF INVENTYON: RSS-Containing Molecules and Uses Thereof

FILE REFERENCE: 5800-19, 033800/174680

CURRENT APPLICATION NUMBER: US/09/244,314

CURRENT FILING DATE: 1999-02-04

NUMBER OF SEQ ID NOS: 4

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 2

LENGTH: 235
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 9.3%; Score 412; DB 3; Length 127; Best Local Similarity 62.2%; Pred. No. 3.3e-29; Matches 79; Conservative 21; Mismatches 23; Indels
                                                                                                                                                 SCFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,865A FILING DATE: 10-JUL-1997 CLASSIPICATION: 435
                                                                                                                                                                                                                                            ATTORNEY AGENT INFORMATION:
NAME: White, John P REGISTRANDER: 28,678
REGISTRANCE/DOCKET NUMBER: 0575/54249
TELECOMMUNICATION INFORMATION:
TELEPRAK: (212)391-0526
INFORMATION FOR SEQ ID NO: 19: SEQUENCE CHARACTERISTICS:
LENGTH: 127 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              56; Conservative
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                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           193 SDIYLEY 199
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Best Local Similarity
 New York
New York
Y: US
                                                         10036
                   STATE: N
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US-09-244-314-2
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141 KFIQTDAPKEVNLDFHTKEVITNSITQPTLHS.-FDAAQSRVYQLMEQDSYTRFLKSDIY 198
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      137 RYIENNSVVSKOLKPATKTYIRDGIKKOOIGSVMFDOAQTEIQAVMEENAYOVFLTSDIY
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APPLICANT: Hodge, Martin R.
APPLICANT: Yowe, David
TITLE OF INVENTION: RGS-Containing Molecules and Uses Thereof
FILE REFERENCE: 5800-19, 035800/174680
CURRENT APPLICATION NUMBER: US/09/894,749
CURRENT FILING DATE: 2001-06-27
FRIOR APPLICATION NUMBER: 09/244,314
PRIOR FILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 4
SEQ ID NO 2
LENGTH: 235
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4.7%; Score 208; DB 4; Length 235; 30.8%; Pred. No. 2.5e-10; ive 34; Mismatches 58; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: HOGGE, Martin R.
APPLICANT: Yowe, David
TITLE OF INVENTION: RGS-Containing Molecules and Uses
TITLE OF INVENTION: RGS-Containing Molecules and Uses
TITLE OF INVENTION: Thereof
FILE REFERENCE: 5800-19A
CURRENT APPLICATION NUMBER: US/09/498,959
CURRENT APPLICATION NUMBER: 09/244,314
EARLIER PILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 235
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
4.7%; Score 200; Dest Local Similarity 30.8%; Pred. No. 2.5e
Matches 56; Conservative 34; Mismatches
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83 HSLLGDQDGAYLFRTFLEREKCVDTLDFWFACNGFRQMNLKDTKTLRVAKAIYKRYIENN 142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           88 DKLLSHRDGVDAFTRFLKTEFSEENIEFWVACEDFKKCK-EPQQIILKAKAIYEKFIQND 146
                                                                                           ---PHQPPPLPA-----KPPETIVVFSF 240
                                                         768 CGEEIPYRRMLKAQSLTLGHFKEQLSKKGNYRYYFKKASDEFACGAVFEEIWDDETVLPM 827
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Hodge, Martin R.
APPLICANT: Hodge, David
TITLE DO INVENTION: RGS-Containing Molecules and Uses Thereof
TITLE OF INVENTION: RGS-Containing Molecules and Uses Thereof
FILE REPERENCE: 5800-19, 035800/174680
CURRENT APPLICATION NUMBER: US/09/244,314
CURRENT FILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 235;
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| Patent No. 6410240
| Patent Patent No. 6410240
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Best Local Similarity 28.1%; Pred. No. 5.7e-09;
Matches 50; Conservative 37; Mismatches 69;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4.3%; Score 193; DB 3;
28.1%; Pred. No. 5.7e-09;
:ive 37; Mismatches 69
      194 AQPPMQHLSQQPLASFSSSSSGGSISL---
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Patent No. 6274362
GENERAL INFORMATION:
                                                                                                                                                                             828 YEGRILGKVERID 840
                                                                                                                                                                                                                 301 FGDKAMGLVKPSD 313
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Best Local Similarity
Matches 50; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                 88 DKILSHRDGLEAFTRFLKTEFSEENIEFWIACEDFKKSKGPQQIHLK-----AKAIYE 140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RYIENNSVVSKQLKPATKTYIRDGIKKQQIGSVMFDQAQTEIQAVMEENAYQVFLTSDIY 196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               361 EMTPVEPAAFAAELISRLEKLKIKLELESRHSLEERLQQ-----IREDEEKEGSEQALSSR 414
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                                                                                                                                                                                                                                                                                                                                                             83 HSLLGDQDGAYLFRTFLEREKCVDTLDFWFACNGFR-----QMNLKDTKTLRVAKAIYK 136
                                                                                                                                                                                                                                                                              29 GKEETSKEAKIRAKEKRNRLSLLVQKPEFHEDTRSSRSGHLAKETRVSPEEAV-KWGESF 87
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TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERNCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 43189
LENGTH: 313
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al Similarity 20.9%; Pred. No. 4.9e-09;
103; Conservative 64; Mismatches 130; Indels 196;
                                                                                                                                                                                   34;
                                                                                                                            Length 235;
                                                                                                                                                                                      58; Indels
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                                                                                                                         4.7%; Score 208; DB 4;
ilarity 30.8%; Pred. No. 2.5e-10;
Conservative 34; Mismatches 58;
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Patent No. 6703491
GENERAL INFORMATION:
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; ORGANISM: Drosophila melanogaster
US-09-270-767-43189
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                  ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-894-749-2
                                                                                                                                                              Similarity
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LD 200
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Best Local Si
Matches 103
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Best Local S
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                                                                                 83 HSLLGDQDGAYLFRTFLEREKCVDTLDFWFACNGFRQMNLKDTKTLRVAKAIYKRYIENN 142
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                          -----PEGRASPDSPLTRWTKSL 82
----PEGRASPDSPLTRWTKSL 82
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APPLICANT: Yowe, David
TITLE OF INVENTION: RGS-Containing Molecules and Uses Thereof
FILE REFERENCE: 5800-19, 035800/174680
CURRENT APPLICATION NUMBER: US/09/894,749
CURRENT FILING DATE: 2001-06-27
PRIOR FILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.0
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4.3%; Score 193; DB 4; Length 235;
Best Local Similarity 28.1%; Pred. No. 5.7e-09;
Matches 50; Conservative 37; Mismatches 69; Indels
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Fatent No. 6307019
GENERAL INFORMATION:
APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
TITLE OF INVENTION: AXIN GENE AND USES THEREOF
NUMBER OF SEQUENCES:
NUMBER OF SEQUENCES:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
41 GKVQSTKPMPVSSNARRNE-----DGLGE---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            41 GKVQSTKPMPVSSNARRNE------DGLGE-
                                                                                                                                                                                                                                                                                                                 ; Sequence 4, Application US/09894749; Patent No. 6830914
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STATE: New York
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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US-08-890-865A-23
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LENGTH: 235
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                                                                                                                                                                                                                                                                            RESULT 11
US-09-894-749-4
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FACENT NO. CEALGAY.

FACENTEAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

CURRENT APPLICATION NUMBER: 06/241,755

PRIOR FILING DATE: 2000-04-0

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FASTERQ FOR WINDOWS VETSION 4.0

LENGTH: 520
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 56 RRNEDGLGEPEGRA-----SPDS-PLTRWTKSLHSLLGDQDGAYLFRTFLEREKCVDT 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                108 LDFWFACNGFROMNLKDTKTLRVAKAIYKRYIENNSVVSKOLKPATKTYIRDGIKKOOIG 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              362 RRNESPGAPPAGKADKMMKSFKPTSEBALKWGESLEKLLVHKYGLAVPQAFLRTEFSEEN 421
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          783 LILGHFKEQLSKKGNYRYYFKKASDEFACGAVFEEIWDDETVLPMYEGRIL 833
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      11;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4.3%; Score 189.5; DB 4; 32.0%; Pred. No. 4.4e-08; ative 26; Mismatches 67;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 190; DB 3;
Pred. No. 8.5e-10;
9; Mismatches 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               168 SVMFDQAQTEIQAVMEENAYQVFLTSDIYLEYV 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/890,865A
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
REGISTRATION NUMBER: 0575/54249
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)279-0400
TELEPAK: (212)391-0526
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 51 amino acids
                                                                                                                                                   0575/54249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 9918, Application US/09949016
Patent No. 6812339
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US-08-748-483-4
; Sequence 4, Application US/08748483
                                                                                                                                                                                                                                                                                                                                                                                                                                                              4.3%;
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Best Local Similarity 66.73
Matches 34; Conservative
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Best Local Similarity 32.0
Matches 49; Conservative
                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: Protein
                                                                                                                                                                                                                                                                                                                       amino acid
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US-09-949-016-9918
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29;

DB 4; Length 211; Indels

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86 LGDQDGAYLFRTFLEREKCVDTLDFWFACNGFRQMNLKDTKTLRVAKAIYKRYIENNSVV 145
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              146 SKQLKPATKTYIRDGIKKQQIGSVMFDQAQTEIQAVMEENAYQVFLTSDIY 196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
3.9%; Score 172.5; DB ·
Best Local Similarity 26.9%; Pred. No. 3.4e-07,
Matches 46; · Conservative 24; Mismatches 7;
   PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 6288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Search completed: October 25, 2005, 15:44:21 Job time : 67.0132 secs
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Sequence 6288, Application US/09949016

Patent No. 6812339
GENERAL INFORMATION:

APPLICANT: O. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF PILE REPERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OMPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,483
FILING DATE: Herewith
CLASSIFICATION: 530
PRIOR APPLICATION 530
PRIOR APPLICATION TOWN
FILING DATE: APPLICATION TOWN
FILING DATE: APPLICATION TOWN
FILING DATE: APPLICATION NUMBER:
APPLICATION NUMBER:
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NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 211 amino acids
TYPE: amino acids
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          46; Conservative
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Best Local Similarity
Matches 46; Conserva
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CLONE: 292037
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US-09-949-016-6288
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58 YKRYI-ENNSVVSKQLKPATKTYIRDGIKKQQIGSVMFDQAQTEIQAVMEENAYQVFLTS 116
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Best Local Similarity 61.9%
Matches 78; Conservative
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US-08-890-865A-19
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9918, Ap
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31, Appl
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6288
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Appl
                                                                                                                                                    ; Search time 9.51979 Seconds (without alignments) 964.500 Million cell updates/sec
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                                                                                                                                                                                                                                                                                      1 WTKSLHSLLGDQDGAYLFRT.......VMEENAYQVFLTSDIYLEYV 123
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.: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
.: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
.: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
.: /cgn2_6/ptodata/1/iaa/BOMB.pep:*
.: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
.: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
                      GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-08-890-865A-1

US-08-890-865A-1

US-09-244-314-2

US-09-894-749-2

US-09-894-749-2

US-09-894-749-2

US-09-894-749-4

US-09-949-016-918

US-08-865A-13

US-08-865A-13

US-08-865A-13

US-08-949-016-6288

US-08-949-016-10608

US-09-949-016-10608

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US-08-865-31

US-08-865-31
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US-09-736-457-339
US-09-614-124B-339
US-09-671-325-339
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US-09-671-325-339
US-09-589-184-339
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                                                                                                                                                                                                                                                                                                                                                                                                    513545 segs, 74649064 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                             using sw model
                                                                                                                                                      October 25, 2005, 15:30:58
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Gapop 10.0 , Gapext 0.5
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length: 2000000000
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Match Length DB
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639
                                                                                                             protein search,
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186.5
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Maximum DB seq
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32, Appli
6, Appli
11200, A
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11199, A
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                    10741, A
3, Appli
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Sequence 14,
Sequence 2, R
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CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/890,865A

FILING DATE: UO-JUL-1997

CLASSIFICATION: 435

ATTOMNEY/AGENT INPORMATION:

NAME: White, John P

REGISTRATION NUMBER: 28,678

REGISTRATION NUMBER: 0575/54249

TELECOMMULICATION: INFORMATION:

TELEPHONE: (212)278-0400
                                                                            PCT US96 08295 32
US-08-829-110-6
US-08-748-483-1
US-09-949-016-11200
US-09-749-016-11200
US-09-749-103-25
US-09-499-016-11199
US-08-985A-14
US-08-726-228-2
                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
TITLE OTNVENTION: AXIN GENE AND USES THEREOF
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
           -08-890-865A-18
-09-949-016-10741
                    US-09-949-016-10741
US-08-829-110-3
US-08-890-865A-15
US-08-588-258B-32
US-08-460-505-32
                                                                                                                                                                                                    US-08-870-815-2
                                                                                                                                                                                                                                       ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                  Sequence 19, Application US/08890865A Patent No. 6307019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (212)278-0400
TELEPRAX: (212)391-0526
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 127 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Protein
linear
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
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57 61

Gaps

63.7%; Score 407; DB 3; Length 127; 61.9%; Pred. No. 3.2e-43; rive 21; Mismatches 23; Indels

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58 YKRYI-ENNSVVSKQLKPATKTYIRDGIKKQQIGSVMFDQAQTBIQAVMEENAYQVFLTS 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      99 WAESLHSLLDDQDGINLFRTFLKQEDCADLLDFWFACSGFRKLBPCVSNEBKRLKLAKAI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 WTKSLHSLLGDQDGAYLFRTFLEREKCVDTLDFWFACNGFRQMN----LKDTKTLRVAKAI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     63.5%; Score 406; DB 3; Length 855; 61.1%; Pred. No. 5.6e-42; Live 22; Mismatches 23; Indels
                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
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  AXIN GENE AND USES THEREOF
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1185 Avenue of the Americas
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1185 Avenue of the Americas
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Patent No. 6307019
GENERAL INFORMATION:
APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
TITLE OF INVENTION: AXIN GENE AND UNBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: COOPET & Dunham LLP
STREET: 1185 Avenue of the Americ
                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (212)391-0526
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 855 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity 61.1
Matches 77; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: Protein
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NUMBER OF INVENTION: AN NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS: ADDRESSE: COOPER &
                                                                                                                                                                            COMPUTER READABLE FORM:
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STATE: New York
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US-08-890-865A-4
                                                                                                                                        COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        274 YRKYILDSNGIVSRQTKPATKSFIXDCVMKQQIDPAMFDQAQTEIQSTMEENTYPSFLKS 333
  62 YRKYILDSNGIVSRQTKPATKGFIKDCVWKQQIDPAMFDQAQTEIQSTWEENTYPSFIKS 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 WTKSLHSLLGDQDGAYLFRIFLEREKCVDTLDFWFACNGFRQMNLKDT---KTLRVAKAI 57
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATIONS SYSTEM:
OPERATIONS SYSTEM:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,865A
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTONREY/AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
REFRENCE/DOCKET NUMBER: 0575/54249
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 10026
TELEFRAX: (212)278-0400
                                                                                                                                                                                      Sequence 1. Application US/08890865A
Patent No. 6307019
GENERAL INFORMATION:
APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
TITLE OF INVENTION: AXIN GENE AND USES THEREOF
NUMBER OF SEQUENCES:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (212)391-0526
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 992 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 61.9%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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                                                            117 DIYLEY 122
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US-08-890-865A-1
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US-09-894-749-2
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JS-09-498-959-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 WTKSLHSLLGDODGAYLFRTFLEREKCVDTLDFWFACNGFROMNLKDT---KTLRVAKAI 57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 WTKSLHSLLGDQDGAYLFRTFLEREKCVDTLDFWFACNGFR-----QMNLKDTKTLRVA 54
                                                                                                                                                                                                                                                                                                                                                  4; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2, Application US/09244314;
Patent No. 6274362;
GENERAL INFORMATION:
APPLICANT: Hodge, Martin R.
APPLICANT: Hodge, Martin R.
TILE REFERENCE: 5800-19, 035800/174680;
CURRENT APPLICATION NUMBER: US/09/244,314;
CURRENT FILIG DATE: 1999-02-04;
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                               62.8%; Score 401; DB 3; Length 900; 62.7%; Pred. No. 2.5e-41; Live 17; Mismatches 26; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           29.2%; Score 186.5; DB 3; 34.6%; Pred. No. 3.5e-15; tive 25; Mismatches 43;
                                             ATTORNEY/AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/54249
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)278-0400
TELEPAX: (212)391-0526
APPLICATION NUMBER: US/08/890,865A
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
                                                                                                                                               TELEFAX: (212)391-0526
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 900 amino acids
                                                                                                                                                                                                                                                                                                                    Query Match 62.8%
Best Local Similarity 62.7%
Matches 79; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              44; Conservative
                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                    MOLECULE TYPE: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
US-09-244-314-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 44; Conservat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 115 TSDIYLE 121
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US-09-244-314-2
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55 KAIYKRYIENNSVVSKOLKPATKTYIRDGIKKQQIGSVMFDQAQTEIQAVMEENAYQVFL 114
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 WTKSLHSLLGDQDGAYLFRTFLEREKCVDTLDFWFACNGFR-----QMNLKDTKTLRVA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Hodge, Martin R.
APPLICANT: Yowe, David
APPLICANT: Yowe, David
TITLE OF INVENTION: RS2-Containing Molecules and Uses Thereof
FILE REFERENCE: 5800-19, 035800/174680
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: 09/244,749
PRIOR FILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver: 2.0
SEQ ID NO 2
LENGTH: 235
                                                                APPLICANT: Hodge, Martin R.
APPLICANT: Yowe, David
TITLE OF INVENTION: RGS-Containing Molecules and Uses
TITLE OF INVENTION: Thereof
FILE REPERENCE: 5800-19A
CURRENT APPLICATION NUMBER: US/09/498,959
CURRENT FILING DATE: 2000-0-04
EARLIER APPLICATION NUMBER: 09/244,314
EARLIER FILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 29.2%; Score 186.5; DB 4; Best Local Similarity 34.6%; Pred. No. 3.5e-15; Matches 44; Conservative 25; Mismatches 43;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Application US/09894749; Patent No. 6830914; GENERAL INFORMATION:
Sequence 2, Application US/09498959 Patent No. 6410240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              44; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapiens
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Matches 44; Conserv
                                                 GENERAL INFORMATION:
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Query Match 27.8%
Best Local Similarity 31.7%
Matches 39; Conservative
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121 EYV 123
                                                                    200 HLI 202
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                                                                                                                                            Sequence A Application US/09244314

| Batent No. 6274362
| GENERAL INFORMATION:
| APPLICANT: Hodge, Martin R. |
| APPLICANT: Yowe, David |
| TITLE OF INVENTION: RGS-Containing Molecules and Uses Thereof |
| TITLE TE REPRENCE: 5800-19, 035800/174680 |
| CURRENT APPLICATION NUMBER: US/09/244,314 |
| CURRENT FILING DATE: 1999-02-04 |
| NUMBER OF SEQ ID NOS: 4 |
| SOFTWARE: Patentin Ver. 2.0 |
| SEQ ID NO 4 |
| LENGTH: 235 |
| LEN
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    Score 177.5; DB 3; Length 235;
    Pred. No. 4.7e-14;
    Mismatches 53; Indels 3

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APPLICANT: Hodge, Martin R.
APPLICANT: Yowe, David
TITLE OF INVENTION: Thereof
TITLE OF INVENTION: Thereof
FILE REPERENCE: 5800-19A
CURRENT APPLICATION NUMBER: US/09/498,959
CURRENT FILING DATE: 2000-02-04
EARLIER APPLICATION NUMBER: 09/244,314
FARLIER FILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ch 27.8%; Score 177.5; DB 4 1 Similarity 31.7%; Pred. No. 4.7e-14; 39; Conservative 28; Mismatches 53.
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Patent No. 6410240
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31.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 27.8*
Best Local Similarity 31.7*
Matches 39; Conservative
      194 KSDIYLD 200
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Best Local Similarity
Matches 39; Conserv
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ORGANISM: Mus sp.
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TYPE: PRT
                                                                                                          RESULT 8
US-09-244-314-4
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US-09-498-959-4
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ABPELICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REPERBENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT PILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/231,768
PRIOR PELICATION NUMBER: 60/231,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FEASTSEQ for Windows Version 4.0
SEQ ID NO 9918
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
Sequence 4, Application US/09894749;
Patent No. 6830914;
GREAL INFORMATION:
APPLICANT: Hodge, Martin R.
TITLE OF INVENTION: RGS-Containing Molecules and Uses Thereof
TITLE OF INVENTION: RGS-Containing Molecules and Uses Thereof
TITLE REFERENCE: 5800-19, 035800/174680;
CURRENT APPLICATION NUMBER: US/09/894,749;
CURRENT FILING DATE: 2001-06-27;
PRIOR PILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 235
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             27.8%; Score 177.5; DB 4; Length 235; 31.7%; Pred. No. 4.7e-14; ive 28; Mismatches 53; Indels 3
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Patent No. 6812339
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RESULT 14
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ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION UNDER: US/08/890,865A
FILING DATE: 10-UUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
REGISTRATION NUMBER: 28,678
REGISTRATION NUMBER: 28,678
TELECOMMUNICATION INDREMER: 0575/54249
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                   RESULT 12
US-08-890-865A-13
; Sequence 13, Application US/08890865A
; Patent No. 630/0109;
GENERAL INCORMATION;
APPLICANT: Constantini, Franklin
APPLICANT: Seng, Li
; TITLE OF INVENTION: AXIN GENE AND USES THEREOF
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            26.5%; Score 169.5; DB 3; ilarity 33.1%; Pred. No. 1.9e-13; Conservative 23; Mismatches 55;
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US-08-890-865A-11
; Sequence 11, Application US/08890865A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (212)391-0526
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    : 120 amino acids
amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: Protein
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Best Local Similarity
Matches 40; Conserva
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1 WIKSLHSLLGDQDGAYLFRTFLEREKCVDTLDFWFACNGFRQMNLKDTKTLRVAKAIYKR 60
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Patent No. 595514

GENERAL INFORMATION:
APPLICANT: Hilman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: A NOVEL REGULATOR OF CELL SIGNALLING
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              57; Indels
                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,865A
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTONNEY/AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
REGISTRATION NUMBER: 0575/54249
TELEPHONE: (212)391-0526
INFORMATION FOR SEQ ID NO: 11: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     26.2%; Score 167.5; DB 3; 32.8%; Pred. No. 3.4e-13;
                                                           AXIN GENE AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative 20; Mismatches
                                                                                                               ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
                                                                                                                                                                                                               ZIP: 10036
COMPUTER REAABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
GENERAL INFORMATION:
APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFWARE: FastSEQ Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  120 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: Protein
                                                         TITLE OF INVENTION: AX NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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Best Local Similarity
Matches 39; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: siz
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 3174 Pox CITY: Palo Alto
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                                                                                                                                                                                                   COUNTRY: US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH:
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Sequence 628B. Application US/09949016
; Sequence 628B. Application US/09949016
; Patent No. 681239
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
; TITLE OF INVENTION: WINDER: US/09/949,016
; CURRENT PFLICATION NUMBER: 60/241,755
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR PLIING DATE: 2000-10-03
; PRIOR PLIING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR PLIING DATE: 2000-10-03
; PRIOR PLIING DATE: 2000-10-03
; RIOR PLIING DATE: 2000-10-03
; SCOFTWARE: FastSEQ for Windows Version 4.0
; SCOFTWARE: PastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 WIKSLHSLLGDQDGAYLFRIFLEREKCVDTLDFWFACNGFRQMNLKDTKTLRVAKAIYKR 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 WIKSLHSLIGDQDGAYLFRIFLEREKCVDTLDFWFACNGFRQMNLKDTKTLRVAKAIYKR 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      61 YIENNSVVSKOLKPATKTYIRDGIKKQQIGSVMFDQAQTEIQAVMEENAYQVFLTSDIY 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     26.2%; Score 167.5; DB 2; Length 211; ilarity 32.8%; Pred. No. 7.3e-13; Conservative 20; Mismatches 57; Indels 3.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 4; Length 211;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         57; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         26.2%; Score 167.5; DB 4
32.8%; Pred. No. 7.3e-13;
tive 20; Mismatches 57
                                                                                                                         ATTORNEY/ACENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0157 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
APPLICATION NUMBER: US/08/748,483
                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 211 amino acids
TYPE: amino acids
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
ILIBRARY: GenBank
CLONE: 292037
US-08-748-483-4
                   FILING DATE: Herewith
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 32.84
Matches 39; Conservative
                                                                                                                                                                                                                                                                       TELEFAX: 415-845-4166
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Best Local Similarity
Matches 39; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Human
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Db 139 FIEKEAPKEINIDFQTKTLIAQNI--QEATSGCFTTAQKRVYSLMENNSYPRFLESEFY 195
Search completed: October 25, 2005, 15:44:22
Job time: 10.5198 secs
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October 25, 2005, 15:41:38 ; Search time 42.7309 Seconds (without alignments) 1201.796 Million cell updates/sec
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639
1 WTKSLHSLLGDQDGAYLFRT......VMEENAYQVFLTSDIYLEYV 123
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1: /cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/2/pubpaa/PCT Time PUBL.pep:*
4: /cgn2_6/ptodata/2/pubpaa/BCT Time PUBL.pep:*
4: /cgn2_6/ptodata/2/pubpaa/USO6_NEW PUB.pep:*
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10: /cgn2_6/ptodata/2/pubpaa/USIO_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1862994 segs, 417510619 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                               - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                    Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Scoring table:
                                                                                                                                                                       OM protein
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                                                                                                                                                                                                                                                         Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

/cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep:

	Description	Sequence 1797, Ap	Sequence 116, App	Sequence 8, Appli		Sequence 36, Appl	Sequence 35, Appl	Sequence 91, Appl	Sequence 91, Appl	Sequence 670, App	Sequence 670, App	Sequence 670, App
SUMMARIES	ID	US-10-723-860-1797	US-10-751-736-116	US-09-798-831-8	US-10-786-720-34	US-10-786-720-36	US-10-786-720-35	US-10-374-979-91	US-10-182-936A-91	US-10-477-238A-670	US-10-680-287A-670	US-10-477-173-670
	DB	16	16	σ	16	16	16	15	15	16	16	11
	Query Match Length DB	843	843	842	461	826	862	900	900	900	006	006
de	Query Match	7.76	7.76	65.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
	Score	624	624	420	401	401	401	401	401	401	401	401
	Result No.	1	7	e	4	S	9	7	ω	0	10	11

Sequence 270, App	Sequence 848, App	Sequence 2, Appil	Sequence 20, Appl	~	107,	Ä	13,	Sequence 11, Appl	4	Sequence 4, Appli	Ä	2, A	Ä	Sequence 28, Appl	Sequence 3970, Ap		Sequence 15, Appl	Sequence 4, Appli	Sequence 24, Appl	Sequence 493, App		Sequence 1, Appli		33	33	33	'n	m	m	H	e G	1292,	Sequence 152, App
US-10-092-900A-270	US-09-867-550-848	US-09-894-749-2							US-09-894-749-4	US-10-989-054-4					S US-10-108-260A-3970			US-09-206-639-4		6 US-10-408-765A-493	US-09-925-300-1507	4 US-10-113-794A-1	US-09-206-639-3	US-09-736-457-339	US-09-902-941-339	US-09-849-626-339	0 US-09-476-300-339	4 US-10-017-754-339	US-10-113	4 US-10-247-671-176	5 US-10-283-017-339	-301-12	5 US-10-114-270-152
	227 9						916 18		235 9						591 15			211 9	7	٦	220 9	930 14	196 9	196 9	196 9	196 9	196 10	196 1	196 14	Н	196 1	217 9	923 1
1 62.8	29.5	5 29.2	5 29.2	29.5	28.9	28.9	5 28.4	28.4	5 27.8	5 27.8	5 27.2	5 27.0	27.0	27.0	27.0	27.0	27.0	26.2	26.2	26.2	26.2	26.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
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12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	3.4	35	36	37	38	36	40	41	42	43	44	45

## ALIGNMENTS

4 L Z K K	
APPLICANT: ZJOCHIK, AIBERO; ; TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions ; TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators ; FILE REFERENCE: 0588-2.0193.WPDS01 ; FILE REFERENCE: 0588-2.0193.WPDS01	20 87 85 85
CURRENT AFFLICATION NUMBER: 00/129,000 ; CURRENT AFFLICATION NUMBER: 60/429,739 ; PRIOR AFFLICATION NUMBER: 60/429,739	
; PRIOR FILING DAIE: 2002-11-25 ; NUMBER OF SEQ ID NOS: 8393	
; SOFTWARE: PatentIn version 3.2 SEQ ID NO 1797 : Taylory 0.1.3	
TYPE: PRT . ORGANISM: Homo sapiens	
843;	
ative 4	
OY 1 WTKSLHSLLGDQDGAYLFRTPLEREKCVDTLDFWFACNGFRQMNLKDTKTLRVAKAIYKR 60	
Db 78 WTKSLHSLLGDQDGAYLFRTFLEREKCVDTLDFWFACNGFRQMNLKDTKTLRVAKAIYKR 137	
OY 61 YIENNSVVSKQLKPATKTYIRDGIKKQQIGSVMFDQAQTEIQAVMBENAYQVFLTSDIYL 120	
MEENAY(	

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TYPE: PRT
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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                                                                                                                                                                                         APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
TITLE OF INVENTION: CANCERS
TITLE OF INVENTION: CANCERS
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE PARENT HEROF DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SSEQ ID NO 116
LENGTH: 843
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence S, Application US/09798831
Sequence No. US20010052137A1
GRNERAL INFORMATION:
APPLICANT: KLEIN, Peter S.
TITLE OF INVENTION: SYNTHASE KINASE 3(BETA) ACTIVITY AND ACTIVATORS OF WNT
TITLE OF INVENTION: SIGNALING
FILE REPERENCE: 209596.0391/30601
CURRENT APPLICATION NUMBER: US/09/798,831
CURRENT FILING DATE: 2000-03-01
PRIOR PILING DATE: 2000-03-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   61 YIENNSVVSKQLKPATKTYIRDGIKKQQIGSVMFDQAQTBIQAVMEENAYQVFLTSDIYL 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      78 WTKSLHSLLGDQDGAYLFRIFLEREKCVDTLDFWFACNGFRQMNLKDTKTLRVAKAIYKR 137
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                                                                                                                        Sequence 116, Application US/10751736
Publication No. US20040265230A1
GENERAL INFORMATION:
APPLICANT: Wyeth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 95.9%;
Matches 118; Conservative 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 61.14
Matches 77; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Xenopus laevis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS:
SOFTWARE: Patentin Ver
SEQ ID NO 8
LENGTH: 842
TYPE: PRT
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                                198 EYV 200
                                                                                        RESULT 2
US-10-751-736-116
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US-09-798-831-8
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Sequence 36, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Diu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE TITLE OF INVENTION: DISEASES
FILE REFERENCE: 01896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT PILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 36
LENGTH: 826
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-786-720-34
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                                                                          85 WAESLHSLLDDQDGIHLFRTFLQQENCADLLDFWFACSGFRKLEPNDSKVEKRLKLAKAI 144
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1 WIKSLHSLIGDODGAYLFRIFLEREKCVDTLDFWFACNGFROMNLKDTKT----LRVAKAI
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Best Local Similarity 62.7%; Pred. No. 9.7e-36;
Matches 79; Conservative 17; Mismatches 26;
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JUNEARLY INFOGRATION:

JAPPLICANT: Allen, Kristina M.

APPLICANT: Allen, Kristina M.

APPLICANT: Anisowicz, Anthony
APPLICANT: Busem

APPLICANT: Damagnez, Veronique

APPLICANT: Damagnez, Veronique

APPLICANT: Robinson, John

APPLICANT: Robinson, John

APPLICANT: Robinson, John

APPLICANT: Robinson, John

TILE OF INVENTION: Reagents and Method for Modulating DKK-Mediated Interactions

FILE REFERENCE: 032796-143

CURRENT APPLICATION NUMBER: US fol201892

PRIOR APPLICATION NUMBER: US 60/291,311

PRIOR APPLICATION NUMBER: US 60/291,311

PRIOR FILING DATE: 2002-05-17

PRIOR FILING DATE: 2002-05-17

PRIOR FILING DATE: 2002-03-04

NUMBER OF SEQ ID NOS: 216

SEQ ID NO 91

LENGTH: 900
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62.7%; Pred. No. 2.3e-35;
iive 17; Mismatches 26;
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; Sequence 91, Application US/10182936A
; Publication No. US20040038860A1
; GENERAL INFORMATION
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 109
SEQ ID NO 91
LENGTH: 900
                                                                                                                                                                                                 Best Local Similarity 62.7%
Matches 79, Conservative
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                                                                                         TYPE: PRT
CORGANISM: Homo sapiens
US-10-374-979-91
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Publication No. US20040191818A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'TOOLe, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: O'TOOLe, Margot
APPLICANT: Liu, Wei
APPLICANT: O'TOOLe, Margot
APPLICANT: O'TOOLe, Margot
APPLICANT: D'INSEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
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       Best Local Similarity 62.7%; Pred. No. 2e-35;
Matches 79; Conservative 17; Mismatches 26; Indels
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Sequence 91, Application US/10374979

Publication No. US20030219793A1

GENERAL INFORMATION:

TITLE OF INVENTYON: THE HIGH BONE MASS GENE OF 11q13.3

FILE REFERENCE: 032796-021

CURRENT FILING DATE: 2003-03-04

PRIOR PLICATION NUMBER: US 09/544,398

PRIOR FILING DATE: 2000-04-05

PRIOR FILING DATE: 2000-04-05

PRIOR PLICATION NUMBER: US 09/543,771

PRIOR PLICATION NUMBER: US 09/543,771

PRIOR FILING DATE: 1999-01-13

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CRGANISM: Homo sapiens
US-10-786-720-35
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US-10-786-720-35
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-680-287A-670
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us=lv-ceo-zer,reb/us
us=lv-ceo-zer,reb/us
publication No. US20040244069A1
i GENERAL INFORMATION:
APPLICANT: Babij, Philip
APPLICANT: Babij, Philip
APPLICANT: Babi, Philip
APPLICANT: Bac, Frederick J. III
APPLICANT: Bec, Frederick J. III
APPLICANT: Bodine, Peter Van Nest
TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
FILE REFERENCE: 032796-179
CURRENT FILING DATE: 2003-10-08
FRIOR PRILING DATE: 2003-0-08
PRIOR PAPLICATION NUMBER: US 60/290,071
PRIOR APPLICATION NUMBER: US 60/291,311
PRIOR FILING DATE: 2001-05-17
PRIOR PELING DATE: 2001-05-17
PRIOR PILING DATE: 2001-05-17
PRIOR PELING DATE: 2001-05-17
PRIOR FILING DATE: 2001-05-17
PRIOR PILING DATE: 2001-05-17
PRIOR FILING DATE: 2002-02-01
PRIOR FILING DATE: 2002-03-04
PRIOR FILING DATE: 2003-03-03
PRIOR FILING DATE: 2003-03-04
PRIOR FILING DATE: 2003-04
PRIOR FILING DATE: 2003-04
PRIOR FILING DATE: 2003
                          Sequence 670, Application US/10477238A

Publication No. US20040221326A1

Publication No. US20040221326A1

Publication No. US20040221326A1

SEQUENCE INFORMATION:

APPLICANT: Babij, Philip

APPLICANT: Bex, Frederick J. III

APPLICANT: Bex, Frederick J. III

APPLICANT: Bodine, Peter Van Nest

TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation

FILE REFERENCE: 032796-212

CURRENT APPLICATION NUMBER: US/10/477,238A

CURRENT PILING DATE: 2003-11-10

PRIOR APPLICATION NUMBER: US 60/290,071

PRIOR APPLICATION NUMBER: US 60/291,311

PRIOR APPLICATION NUMBER: US 60/291,311

PRIOR APPLICATION NUMBER: US 60/393,058

PRIOR PELING DATE: 2002-05-01

PRIOR FILING DATE: 2002-03-04

NUMBER OF SEQ ID NOS: 812

SOFTWARE FASTSEQ for Mindows Version 4.0
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US-10-477-238A-670
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SEQ ID NO 670
LENGTH: 900
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US-10-477-173-670

US-10-477-173-670

Sequence 670, Application US/10477173

Publication No. US200500706991

GENERAL INFORMATION:

APPLICANT: Genome Therapeutics Corporation and APPLICANT: Allen, Kristina M.

APPLICANT: Allen, Kristina M.

APPLICANT: Anisowicz, Arturo J.

APPLICANT: Anisowicz, Arturo J.

APPLICANT: Anisowicz, Anthony

APPLICANT: Anisowicz, Anthony

APPLICANT: Liu, Wei

TITLE OF INVENTION: HBM Variants that Modulate Bone Mass and Lipid Levels

FILE REFERENCE: 032796-135

CURRENT APPLICATION NUMBER: US 60/290,071

PRIOR APPLICATION NUMBER: US 60/291,311

PRIOR PILING DATE: 2001-05-11

PRIOR PILING DATE: 2001-05-10

PRIOR PILING DATE: 2001-05-10

PRIOR PILING DATE: 2002-02-01

PRIOR PILING DATE: 2002-02-01

PRIOR FILING DATE: 2002-03-04

NUMBER OF SEQ ID NOS: 1086

SEQ ID NO 670

LENGTH: 900

TUBLE OF THE PROBLEM NUMBER: US 60/361,293

PRIOR FILING DATE: 2002-03-04

NUMBER OF SEQ ID NOS: 1086

SEQ ID NO 670

LENGTH: 900

TUBLE OF THE PROBLEM NUMBER: US 60/361,293

PRIOR FILING DATE: 2002-03-04

NUMBER OF SEQ ID NOS: 1086

SEQ ID NO 670

LENGTH: 900
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  Length 900;
62.8%; Score 401; DB 16; Length 9 62.7%; Pred. No. 2.3e-35; tive 17; Mismatches 26; Indels
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US-10-092-900A-270
; Sequence 270, Application US/10092900A
                                                           Conservative
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  Query Match
Best Local Similarity
Matches 79; Conserv
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APPLICANT: Leach, Martin D.
APPLICANT: Leach, Martin D.
APPLICANT: Leach, Martin D.
APPLICANT: Colley, Pamela
APPLICANT: Colley, Pamela
APPLICANT: Colley, Pamela
APPLICANT: Colley, Pamela
APPLICANT: Law, Debbie
APPLICANT: Topper, James
TITLE OF INVENTION: No. US20020082206A1e1 Polynucleotides from Atherogenic Cells and
TITLE OF INVENTION: No. US20020082206A1e1 Polynucleotides from Atherogenic Cells and
TITLE OF INVENTION: No. US20020082206A1e1
TITLE OF INVENTION: Thereby
FILE REFERENCE: 21040-03 (Cura-313)
CURRENT FILING DATE: 2001-09-20
PRIOR FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 2125
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 848
LENGTH: 227
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                                   58 YKRYI-ENNSVVSKQLKPATKTYIRDGIKKQQIGSVMFDQAQTEIQAVMEENAYQVFLTS 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 WIKSLHSLLGDQDGAYLFRTFLEREKCVDTLDFWFACNGFR-----QMNLKDTKTLRVA 54
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GENERAL INFORMATION:
APPLICANT: Hodge, Martin R.
APPLICANT: Yowe, David
TILE REPLICANT: Yowe, David
TILE REFERENCE: 5800-19, 035800/174680
CURRENT PAPLICANTON NUMBER: US/09/894,749
CURRENT APPLICATION NUMBER: 09/244,314
PRIOR PLILING DATE: 2001-06-27
PRIOR PLILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.0
SSETUMBER: Patentin Ver. 2.0
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34.6%; Pred. No. 2.8e-12;
iive 25; Mismatches 43
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Sequence 848, Application US/09867550
Patent No. US20020082206A1
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Best Local Similarity 34.6*
Matches 44; Conservative
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US-09-867-550-848
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ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CANT: Burgess, Catherine E. OF INVENTION: No. US20040043382Alel Proteins and Nucleic Acids Encoding Same REFERENCE: 21402-290C
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NUMBER OF SEQ ID NOS: 768
SEQ ID NO 270
LENGTH: 912
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62.7%; Pred. No. 2.3e-35;
cive 17; Mismatches 26;
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PRIOR APPLICATION NUMBER: USSN 60/274,322
PRIOR FILING DATE: 2001-03-09
PRIOR FILING DATE: 2001-03-09
PRIOR PILING DATE: 2001-04-13
PRIOR PILING DATE: 2001-12-03
PRIOR PILING DATE: 2001-12-03
PRIOR PILING DATE: 2001-03-08
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PRIOR PILING DATE: 2001-03-08
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PRIOR PILING DATE: 2001-03-10
PRIOR PILING DATE: 2001-07-10
PRIOR PILING DATE: 2001-07-10
PRIOR PILING DATE: 2001-07-10
PRIOR PILING DATE: 2001-07-10
PRIOR PILING DATE: 2001-03-09
PRIOR PILING DATE: 2001-03-30
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                                                                       Spytek, Kimberly A.
Shenoy, Suresh G.
Taupier Jr., Raymond J.
Pena, Carol E.A.
                                                                                                                                                                                                                                                                                                                                              Patturajan, Meera
Gangolli, Esha A.
Vernet, Corine A.M.
Guo, Xiaojia Sasha
Tchernev, Valizar T.
Fernandes, Elma R.
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Catterton, Elina
Leite, Mario W.
Zhong, Haihong
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Malyankar, Uriel M.
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Lepley, Denise M.
Rieger, Daniel K.
       No. US20040043382A1
                                                                                                                                                                                               Zerhusen, Bryan D.
Gusev, Vladimir Y.
Ji, Weizhen
                                                                                                                                                                                                                                                                       Gorman, Linda
Miller, Charles E.
Kekuda, Ramesh
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Anderson, David W.
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Best Local Similarity 62.73
Matches 79; Conservative
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ORGANISM: Homo sapiens
US-10-092-900A-270
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Length 235;

DB 9;

29.2%; Score 186.5;

Query Match

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us-09-587-574-2.rapb

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Sequence 20, Application US/10258371B

Publication No. US20040067903A1

GENERAL INFORMATION:

APPLICANT: WIRRAY, David L

TITLE OF INVENTION:

TITLE OF INVENTION:

FILE REFERENCE: A3656 US PCT

CURRENT FILING DATE: 2000-08-02

PRIOR APPLICATION NUMBER: US60/200,786

PRIOR FILING DATE: 2000-04-28

NUMBER OF SEQ ID NOS: 38

SEQ ID NO 20

LEMOTH: 235

LEMOTH: 235
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                                                                                                                                             1 WIKSLHSLLGDQDGAYLFRIFLEREKCVDTLDFWFACNGFR-----QMNLKDTKTLRVA 54
                                                    54
                                                    1 WTKSLHSLLGDQDGAYLFRIFLEREKCVDTLDFWFACNGFR-----QMNLKDTKTLRVA
Best Local Similarity 34.6%; Pred. No. 2.9e-12;
Matches 44; Conservative 25; Mismatches 43; Indels 15; Gaps
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US-10-258-371B-20
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US-10-258-371B-20
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15206, A
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21807, A
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Sequence 1, Appli
Sequence 4, Appli
                                                                                                                                                 October 25, 2005, 15:30:58; Search time 4.17942 Seconds (without alignments) 964.500 Million cell updates/sec
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Sequence
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1 ANGQVSLPHFPRTHRLPKEM.....RLEKLKLELESRHSLEERLQ
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-08-65A-1

US-09-252-991A-26051

US-09-111-556A-2

US-09-111-556A-2

US-09-902-540-14322

US-09-902-540-14329

US-09-902-540-14329

US-09-902-540-14329

US-09-949-016-6078

US-09-949-016-6078

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US-09-758-282B-268

US-09-77-304A-251

US-09-77-304A-251

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Result
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sequence 4, Appli Sequence 2, Appli Sequence 1783, A Sequence 30513, A Sequence 1, Appli Sequence 2, Appli Sequence 2, Appli Sequence 6613, Ap Sequence 613, Ap Sequence 3329, Ap Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 3129, Ap			Length 855; Indels 1; Gaps 1	ESRHSLEERLQ 54  :      : EAEEKLEERLK 428
28 56 20.6 2584 3 US-08-936-135-4 29 56 20.6 2588 3 US-08-936-135-4 30 55.5 20.4 165 4 US-09-248-796A-21780 31 55. 20.2 425 4 US-09-248-796A-21780 32 54.5 20.0 411 4 US-09-107-528-91AA-30513 33 54.5 20.0 411 4 US-09-107-528-91AA-30513 35 54.5 20.0 411 4 US-09-107-528-4711 36 54 19.9 578 3 US-08-981-215-1 37 54 19.9 640 4 US-09-107-532A-4711 38 53.5 19.7 227 4 US-09-328-352-5058 39 53.5 19.7 227 4 US-09-543-681A-6613 39 53.5 19.7 242 4 US-09-543-681A-6136 40 53.5 19.7 242 4 US-09-543-681A-6136 41 53.5 19.7 242 4 US-09-543-681A-6136 42 53.5 19.7 493 4 US-09-252-991A-31227 43 53.5 19.7 493 4 US-09-252-991A-31227	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	RESULT 1 US-08-80-865A-10 US-08-80-865A-10 Sequence 10, Application US/08890865A Patent No. 6307019 GENERAL INFORMATION: APPLICANT: Constantini, Franklin APPLICANT: Constantini, Franklin APPLICANT: Constantini, Franklin APPLICANT: Constantini, Franklin APPLICANT: Constantini, Franklin APPLICANT: Constantini, Franklin APPLICANT: Constantini, Franklin STREET: 1185 Avenue of the Americas CITY: New York COUNTRY: US ZIP: 10036 COUNTRY: US ZIP: 10036 COUNTRY: US COUNTRY: US COUNTRY: US COUNTRY: US COUNTRY: US APPLICATION DATA: CONPUTER: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: Q8,678 FILING DATE: 10-JUL-1997 CLASSIFICATION: 435 ATTORNEY/AGENT INFORMATION: NAME: White, John P REGISTRATION NUMBER: 28,678 FELEPRAN: (212)378-0400 TELEPHONE: (212)378-0400 TTPE: Amino acide STRANDENESS: single STRANDENESS: single MOSCULE TYPE: Protein US-08-850-855A-10	Query Match 57.9%; Score 157.5; DB 3; Lei Best Local Similarity 59.3%; Pred. No. 2.8e-11; Matches 32; Conservative 11; Mismatches 10; In	Oy 1 ANGOVSLPHFPRTHRLPKEMTPVEPAAFAAELISRLEKLKLELESRHSLEERLO

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28,678
                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 900 amino acids
10-JUL-1997
                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: Protein
                                                                                                                                                                                                                                                              amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        198 ANGELTLSH-
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                                                                                                                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-252-991A-26051
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 NGQVSLPHFPRTHRLPKEMTPVEPAAFAAELISRLEKLKLELESRHSLEERLQ 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           52.4%; Score 142.5; DB 3; Length 992; 56.6%; Pred. No. 2.4e-09; tive 8; Mismatches 14; Indels 1
                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
CURRENT APELICATION DATA:
APPLICATION NUMBER: US/08/890,865A
FILING DATE: 10-UL-1997
CLASSIPICATION: 435
ATTORNEY AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/54249
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,865A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
TITLE OF INVENTION: AXIN GENE AND USES THEREOF
NUMBER OF SEQUENCES: 23
                                                                                                                                                       AXIN GENE AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
                                                                                                                                                                                                                     ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
                                                                                GENERAL INFORMATION:
APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
TITLE OF INVENTION: AXIN GENE ANI
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 4, Application US/08890865A
Patent No. 6307019
                                    Sequence 1, Application US/08890865A
Patent No. 6307019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 992 amino acids TYPE: amino acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 56.6
Matches 30; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
                                                                                                                                                                                                                                                                 CITY: New York
STATE: New York
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ZIP: 10036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-890-865A-1
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US-08-890-865A-4
                      US-08-890-865A-1
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Sequence 26051, Application US/09252991A
Sequence 26051, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PLILNG DATE: 1998-02-18
PRIOR PLILNG DATE: 1998-02-18
PRIOR PLILNG DATE: 1998-02-18
RRIOR PLILNG DATE: 1998-02-18
RRIOR PLILNG DATE: 1998-02-18
RRIOR PLILNG DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 26051
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels 15; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 NGOVSLPHFPRTHRLPKEMTPVEPAAFAABLISRLBKLKLBLBSRHSLBERLO 54
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 900;
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Patent No. 5667990
GENERAL INFORMATION:
APPLICANT: Berke, Randy M.
APPLICANT: Takagi, Shinobu
APPLICANT: Takagi, Shinobu
APPLICANT: TOWNINGTHAN KARUDPAN C.
TITLE OF INVENTION: ASPERGILLUS EXPRESSION SYSTEM
NUMBER OF SEQUENCES: 16
CORRESSPONDENCES: 16
CORRESSPONDENCE ADDRESS:
ADDRESSE: No. 56679900 No. 5667990disk of No. 5667;
STREET: 405 Lexington Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 141.5; DB 3;
Pred. No. 2.9e-09;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        y Match 52.0%; Score 141.5; Local Similarity 56.6%; Pred. No. 2.9e nes 30; Conservative 8; Mismatches
                                                                                                                       0575/54249
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P. REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0526
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-26051
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1 ANGQVSLPHFPR--THRLPKEMTPVEPAA 27
TELEPHONE: 212-867-0123
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                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: si
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Svendsen, Allan
APPLICANT: Svendsen, Allan
APPLICANT: Bathar, Shamkant A
APPLICANT: Egel-Mitean, Michi
APPLICANT: Borch, Kim
APPLICANT: Clausen, Ib G
APPLICANT: Hansen, Bogens T
TITLE OF INVENTION: C. ANTARCTICA LIPASE AND LIPASE VARIANTS
NUMBER OF SEQUENCES: 11
CORRESPONDENCES. 11
Annapagemen. N. ANTARCTICA LIPASE NA LIPAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 23.9%; Score 65; DB 1; Length 462; Best Local Similarity 48.3%; Pred. No. 4.7; Matches 14; Conservative 5; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/458,023B
FILING DATE: 01-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: Lowney Dr., Karen A.

REGISTRATION NUMBER: 31,274
REFERENCE/DOCKET NUMBER: 4086.010-US
TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELEPAX: 212-867-0123
TELEPAX: 212-867-0123
TELEPAX: 212-878-9655
INFORMATION FROM IN 0: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 462 amino acids
TYPE: amino acid
TYPE: amino acid
TYPE: amino acid
TYPE: ATPE: protein
US-08-458-023B-2
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STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Tape
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 ANGOVSLPHFPR--THRLPKEMTPVEPAA 27
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: DK PCT/DK93/00225
FILING DATE: 03-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 3748.214-US
TELECOMMUNICATION: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/111,556A FILING DATE: 22-DEC-1994
                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2, Application US/09111556A Patent No. 6020180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Svends
         New York
                                                                                                 10174-6201
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ADDRESSEE: No. 60748630 No. 6074863disk of No. 6074863th America, Inc. STREET: 405 Lexington Avenue, 64th Floor CITY: New York STATE: New York COUNTRY: United States of America ZIP: 10174-6401 COMPUTER READABLE FORM: MEDIUM TYPE: Tape
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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7
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APPLICANT: Svendsen, Allan
APPLICANT: Begel-Mitani, Michi
APPLICANT: Borch, Kim
APPLICANT: Clausen, Ib G
APPLICANT: Clausen, Mogens T
TITLE OF INVENTION: C. ANTARCTICA LIPASE AND LIPASE VARIANTS
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 463;
                                                                                                                                                                                                                          Length 463;
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                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Tape
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 23.9%; Score 65; DB 3;
Best Local Similarity 48.3%; Pred. No. 4.7;
Matches 14; Conservative 5; Mismatches 8
                                                                                                                                                                                                                                 DB 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/360,758
FILING DATE: 22-DEC-1994
CLASSIFICATION: 435
FILING APPLICATION 1435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DK PCT/DK93/00225
FILING DATE: 03-UNN-1993
ATTORNEY/AGENT INFORMATION:
NAWE: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REGISTRATION NUMBER: 33,728
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                            Query Match
23.9%; Score 65; DB
Best Local Similarity 48.3%; Pred. No. 4.7;
Matches 14; Conservative 5; Mismatches
                                                                                                                                                                                                                                                                                                                                                       1 ANGQVSLPHFPR--THRLPKEMTPVEPAA 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2, Application US/08360758 Patent No. 6074863 GENERAL INFORMATION:
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : 212-867-0123
212-878-9655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             463 amino acids
                                                                     LENGTH: 463 amino acids
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                 ; TOPOLOGY: linear; MOLECULE TYPE: protein US-09-111-556A-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein
                                                                                                                   single
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US-09-248-796A-21807
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                                                                               RESULT 8

US-09-902-540-15206

US-09-902-540-15206

Squence 15206, Application US/09902540

Patent No. 683347

GENERAL INFORMATION:

APPLICANT: Glodman, Barry S.

APPLICANT: Hinkle, Gregory J.

APPLICANT: Slater, Steven C.

APPLICANT: Slater, Steven C.

APPLICANT: Slater, Steven C.

TILLE REFERENCE: 38-10(15849)B

CURRENT APPLICATION NUMBER: US/09/902,540

CURRENT FILING DATE: 2001-07-10

PRIOR APPLICATION NUMBER: 60/217,883

PRIOR APPLICATION NUMBER: 60/217,883

PRIOR SEQ ID NOS: 16825

SEQ ID NO 15206

LENGTH: 392
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APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Stater, Steven C.
APPLICANT: Wiegand, Roger C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REPRENCE: 38-10 (15849) B
CURRENT APPLICATION NUMBER: 18/09/902,540
PRICA PLING DATE: 2001-07-10
PRICA FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4,
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Pred. No. 12;
7; Mismatches 15; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       340 NGQYINPLNQQFPRADPLPKELLP-DFLAKAQELIGQMBAVSV 381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 NGQVSLP---HFPRTHRLPKEMTPVEPAAFAAELISRLEKLKL 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 22.1%; Score 60; DB Best Local Similarity 50.0%; Pred. No. 6.9; Matches 15; Conservative 4; Mismatches
24 EPAAFAAELISRLEKLKLELESRHSLEERL 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     62 EPIAFTLERTGRLEKLQVVLLARRTDWERL 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 13429, Application US/09902540
Patent No. 6833447
GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 9
US-09-902-540-14932
Sequence 14932, Application US/09902540
; Patent No. 6833447
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          22.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
CRGANISM: Myxococcus xanthus
US-09-902-540-15206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Myxococcus xanthus US-09-902-540-14932
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 39.5°
....hea 17; Conservative
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US-09-902-540-13429
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LENGTH: 188
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Sequence 21807, Application US/09248796A

Sequence 21807, Application US/09248796A

Patent No. 6747137

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
FILE REPRENCE:
TITLE OF INVENTION:
TITLE OF INVENTION:
FILE REPRENCE:
TOWERNT APPLICATION NUMBER: US/09/248, 796A

CURRENT PILING DATE: 1999-02-13

PRIOR PEPLICATION NUMBER: US 60/074, 725

PRIOR PEPLICATION NUMBER: US 60/096, 409

PRIOR FILING DATE: 1998-02-13

PRIOR APPLICATION NUMBER: US 60/096, 409

PRIOR FILING DATE: 1998-08-13

NUMBER OF SEQ ID NOS: 28208

SEQ ID NO 21807
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| Sequence 6078 | Application US/09949016
| Patent No. 681239 |
| GENERAL INFORMATION: |
| APPLICANT: VENTER, US CALLO | DISPESSED |
| TITLE OF INVENTION: | WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF |
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF |
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF |
| TITLE OF INVENTION: WIMBER: US/09/949,016 |
| CURRENT FILING DATE: 2000-04-14 |
| PRIOR FILING DATE: 2000-10-20 |
| PRIOR FILING DATE: 2000-10-20 |
| PRIOR PILING DATE: 2000-10-03 |
| PRIOR APPLICATION NUMBER: 60/231,498 |
| PRIOR FILING DATE: 2000-09-08 |
| NUMBER OF SEQ ID NOS: 207012
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APPLICANT: Slater, Steven C.

APPLICANT: Misgand, Roger C.

TITLE OF INVENTION: Myxococus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38-10(15849)B

FURENY PPLICATION NUMBER: US/09/902,540

CURRENY FILING DATE: 2001-07-10

PRIOR APPLICATION NUMBER: 60/217,883

PRIOR FILING DATE: 2000-07-10

NUMBER OF SEQ ID NOS: 16825

SEQ ID NO 13429
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 21.9%; Score 59.5; DB 4; Length 222; Best Local Similarity 32.7%; Pred. No. 9.7; Matches 17; Conservative 7; Mismatches 25; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 4; Length 277;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 21.5%; Score 58.5; I
Best Local Similarity 53.8%; Pred. No. 17;
Matches 14; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        117 FPTTYHIPKENTSPIEIAKFDEVLIS 142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 10 FPRTHRLPKEMT-PVEPAAFAAELIS 34
                                                                                                                                                                                                                                                                                                                                                  ; TYPE: PRT
; ORGANISM: Myxococcus xanthus
US-09-902-540-13429
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Candida albicans
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamicheva, Natalie E.
APPLICANT: Lyamicheva, Natalie E.
APPLICANT: Allawi, Hatim T.
APPLICANT: Schaefer, James J.
APPLICANT: Schaefer, James J.
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: Enzymes for the Detection of Nucleic Acid Sequences FILE REFERENCE: FORS 04931
CURRENT APPLICATION NUMBER: US/09/750,282B
CURRENT FILING DATE: 2001-01-11
PRIOR FILING DATE: 2000-05-24
NUMBER OF SEQ ID NOS: 280
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Kaiser, Michael W.
APPLICANT: Lyamicheva, Natalie E.
APPLICANT: Lyamicheva, Natalie E.
APPLICANT: Schaefer, James J.
APPLICANT: Schaefer, James J.
APPLICANT: Schaefer, James J.
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: Enzymes for the Detection of Nucleic Acid Sequences FILE REFERENCE: FORS 04931
CURRENT APPLICATION NUMBER: US/09/758,282B
CURRENT FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: 09/577,304
PRIOR FILING DATE: 2000-05-24
NUMBER OF SEQ ID NOS: 280
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                              Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic US-09-758-2828-251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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                                                                                                                                                         Score 57; DB 4; Length 392;
Pred. No. 38;
9; Mismatches 14; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 21.0%; Score 57; DB 4; Length 832; Best Local Similarity 41.4%; Pred. No. 92; Matches 12; Conservative 7; Mismatches 10; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     16 LPKEMTPVEPAAFAAELISRLEKLKLELE 44
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 6078
LENGTH: 392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 268, Application US/09758282B Patent No. 6635463 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 251, Application US/09758282B; Patent No. 6635463; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Ma, Wu-Po
APPLICANT: Lyamichev, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                              Query Match
21.0%;
Best Local Similarity 36.7%;
Matches 18; Conservative
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                                                                      ; TYPE: PRT
; ORGANISM: Human
US-09-949-016-6078
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LENGTH: 832
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Lyamichev, Victor I.

APPLICANT: Kalser, Michael W.
APPLICANT: Allawi, Hatim T.
APPLICANT: Allawi, Hatim T.
APPLICANT: Allawi, Hatim T.
APPLICANT: Allawi, Hatim T.
APPLICANT: Schaefer, James J.
TITLE OF INVENTION: Improved Enzymes for the Detection of Specific Nucleic TITLE OF INVENTION: Acid Sequences
FILE REFERENCE: FORS-04323
CURRENT APPLICANTON: WOBER: US/09/577,304A
NUMBER OF SEQ ID NOS: 278
SEQ ID NOS: 278
LENGTH: 832
LENGTH: 832
TYPE.
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                                                                                                                                                                            Gaps
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                                                                                        OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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                                                                                                                                                                            Indels
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                                                                                                                                     DB /
92;
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                                                                                                                                        Query Match 21.0%; Score 57; DB Best Local Similarity 41.4%; Pred. No. 92; Matches 12; Conservative 7; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     7; Mismatches
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                                                                                                                                                                                                                16 LPKEMTPVEPAAPAABLISRLEKLKLELE 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          16 LPKEMTPVEPAAFAAELISRLEKLKLELE 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Search completed: October 25, 2005, 15:44:24 Job time : 6.17942 secs
SEQ ID NO 268
LENGTH: 832
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 12; Conserv
                                                                                                         US-09-758-282B-268
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October 25, 2005, 15:41:38 ; Search time 18.7599 Seconds (without alignments) 1201.796 Million cell updates/sec
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1: \cgn2 \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) \cgn \( \) 
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                        - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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length: 2000000000
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272
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Perfect score:
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Maximum DB seq
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                                                                                                                                                                                                                                                                                                    Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Description	Sequence 1797, Ap	Sequence 116, App	Sequence 36, Appl	Sequence 35, Appl	Sequence 91, Appl	Sequence 91, Appl	Sequence 670, App	Sequence 670, App	Sequence 670, App	Sequence 270, App	Sequence 8, Appli
ΟΙ	US-10-723-860-1797	US-10-751-736-116	US-10-786-720-36	US-10-786-720-35	US-10-374-979-91	US-10-182-936A-91	US-10-477-238A-670	US-10-680-287A-670	US-10-477-173-670	US-10-092-900A-270	US-09-798-831-8
88	16	16	16	16	15	15	16	16	17	15	6
% Query Match Length DB ID	843	843	826	862	900	900	900	900	900	912	842
* Query Match	98.5	98.5	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	50.2
Score	268	268	141.5	141.5	141.5	141.5	141.5	141.5	141.5	141.5	136.5
Result No.		7	Э	4	ហ	φ	7	80	0	10	11

	28, 196, 105, 213, 213,	48059 740, 1906, 1412, 1342,	1097, 11409, 115,	Sequence 20, Appl Sequence 21, Appl Sequence 24, Appl Sequence 27, Appl Sequence 28, Appl Sequence 12333, Sequence 42, Appl Sequence 42, Appl Sequence 52, Appl Sequence 51, Appl
US-09-798-831- US-09-798-831- US-09-798-831- US-10-072-012 US-09-798-831- US-10-926-542	6 US-10 US-09- US-09- 6 US-10 6 US-10	US-09-864-761-48059 6 US-10-370-715B-740 6 US-10-437-963-1906 6 US-10-437-963-1412 7 US-10-732-923-1342	US-10-408-7658-40 US-10-437-963-108 US-10-128-558-245 US-10-437-963-140 US-10-799-369-15 US-10-799-369-16	17 US-10-799-369-20 17 US-10-799-369-23 17 US-10-799-369-24 17 US-10-799-369-26 16 US-10-799-369-28 15 US-10-038-854-42 15 US-10-038-854-40 15 US-10-042-865-52 15 US-10-029-020-51
				833 833 833 833 833 931 2613 2613 2715
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118 118 114 68 65			9999999	0.000000000000000000000000000000000000
12 13 15 16	18 22 22 23 23	242222 24722	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

## ALIGNMENTS

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RESULT.

US-10-723-860-1797

Sequence 1797, Application US/10723860

Sequence 1797, Application US/10723860

Sequence 1797, Application US.20040223606A1

Sequence 1797, Application No. US20040223606A1

GENERAL INFORMATION.

APPLICANT: Ginsburg, Wendy M.

APPLICANT: Also Described for Screening for Soft Tissue Sarcoma, Compositions of TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators of TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators of TITLE OF INVENTION NUMBER: US/10/723,860

CURRENT FILING DATE: 2002-11-26

FRIOR FILING DATE: 2002-11-26

NUMBER OF SEQ ID NOS: 8393

SOFTWARE: Patentin version 3.2

SEQ ID NOS: 8393

SOFTWARE: Patentin version 3.2

SEQ ID NOS: 8393

COGANISM: Homo sapiens

US-10-723-860-1797

QUELY MATCh

Best Local Similarity 98.1%; Pred. NO. 4.1e-23;

Matches 53; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 53; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

ANGANISM: Homo Sapiens 0; Mismatches 1; Indels 0; Gaps 0;

MATCHES SA ANGOVSLPHFPRTHRLPKEMTPVEPARFABELISRLEKIKLELESRHSLEERIQ 396
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Db 343 ANGQVSLPHFPRTHRLPKEMTPVEPATFAAELISRLEKLKLELES RESULT 2 US-10-751-736-116 1;

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FUBLICATION NO. US20040038860A1
GENERAL INFORMATION:
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Allen, Kristina M.
APPLICANT: Bhat, Bheem
APPLICANT: Damagnez, Veronique
APPLICANT: Robinson, John
APPLICANT: Yaworsky, Paul
TITLE OF INVENTION: Reagents and Method for Modulating DKK-Mediated Interactions
FILE REPERENT: 03796-143
CURRENT APPLICATION NUMBER: US/10/182,936A
CURRENT APPLICATION NUMBER: US/10/182,936A
CURRENT APPLICATION NUMBER: US/10/182,936A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 NGOVSLPHFPRTHRLPKEMTPVEPAAFAAELISRLEKLKLELESRHSLEERLQ 54
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                                                                                                                                                                                                                                                                                                                                 DB 16; Length 862;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 91, Application US/10374979

Sequence 91, Application US/10374979

Publication No. US20030219793A1

GENERAL INFORMATION:
APPLICANT: JOHN P. Carulli et al.
TITLE OF INVENTION: THE HIGH BONE MASS GENE OF 11q13.3

FILE REPERENCE: 032796-021

CURRENT FILING DATE: 2003-03-04

PRIOR PLILING DATE: 2003-03-04

PRIOR FLILING DATE: 2000-04-05

PRIOR FLILING DATE: 2000-04-05

PRIOR FLILING DATE: 2000-04-05

PRIOR FLILING DATE: 1999-01-13

PRIOR FLILING DATE: 1999-01-13

PRIOR FLILING DATE: 1998-01-13

PRIOR FLILING DATE: 1998-10-23

NUMBER OF SEQ ID NOS: 109

SEQ ID NO 91

LENGTH: 200
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                                                                                                                                                                                                                                                                                                                          Query Match 52.0%; Score 141.5; DB 1
Best Local Similarity 56.6%; Pred. No. 5.7e-08;
Matches 30; Conservative 8; Mismatches 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 141.5; DB
Pred. No. 6e-08;
8; Mismatches 1
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PRIOR FILING DATE: 2002-05-17
PRIOR APPLICATION NUMBER: US 60/291,311
PRIOR FILING DATE: 2001-05-17
CURRENT FILING DATE: 2004-02-2
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 35
LENGTH: 862
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          52.0%;
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Matches 30; Conservative
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US-10-374-979-91
                                                                                                                                                                                   TYPE: PRT
ORGANISM: Homo sapiens
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US-10-374-979-91
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Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Weth
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APPLICANT: Liu, Wet
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APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
                                                                                                    APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Erown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
TITLE OF INVENTION: CANCERS
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
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Pred. No. 4.1e-23;
0; Mismatches 1;
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   Sequence 116, Application US/10751736
Publication No. US20040265230A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 35, Application US/10786720; Publication No. US20040191818A1; GRNERAL INFORMATION: APPLICANT: Wyeth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 54873
SOFTWARE: Patentin version 3.2
SEQ ID NO 116
LENGTH: 843
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 98.1%;
Matches 53; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 56.6<sup>§</sup>
Matches 30; Conservative
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US-10-751-736-116
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US-10-786-720-36
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US-10-786-720-35
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GENERAL INFORTATION:
GENERAL INFORTATION:
APPLICANT: Yaworsky, Paul
APPLICANT: Yaworsky, Paul
APPLICANT: Back, Frederick J. III
APPLICANT: Bodine, Peter Van Nest
ITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
FILE REFERENCE: 02796-212
CURRENT APPLICATION NUMBER: US/10/477,238A
CURRENT FILING DATE: 2001-01-10
PRIOR FILING DATE: 2001-05-11
PRIOR FILING DATE: 2001-05-17
PRIOR PELING DATE: 2001-05-17
PRIOR PELING DATE: 2001-05-17
PRIOR PELING DATE: 2001-05-17
PRIOR FILING DATE: 2002-02-03-04
PRIOR FILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 812
SOFTWARE: FastSEQ for Windows Version 4.0
SSEQ ID NO 670
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Babij, Philip
APPLICANT: Yaworsky, Paul.
APPLICANT: Bex, Frederick J. III
APPLICANT: Bex, Frederick J. III
APPLICANT: Bodine, Peter Van Nest
TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
FILE REPERENCE: 032796-179
CURRENT APPLICATION UNDER: US/10/680,287A
CURRENT FILING DATE: 2003-10-08
                                                                                                                                                                                                                                                                                                                                                                                                                2 NGOVSLPHFPRTHRLPKEMTPVEPAAFAAELISRLEKLKLELESRHSLEERLQ 54
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                                                                                                                                                                                                                                                                                   Length 900;
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                                                                                                                                                                                                                                                                                                                                     14; Indels
                                                                                                                                                                                                                                                                                      DB 15;
                                                                                                                                                                                                                                                                                        Score 141.5; DB
Pred. No. 6e-08;
                                                                                                                                                                                                                                                                                                                                        8; Mismatches
PRIOR APPLICATION NUMBER: US 60/353,058
PRIOR FILING DATE: 2002-02-01
PRIOR APPLICATION NUMBER: US 60/361,293
PRIOR FILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 216
SOFTWARE: FASESEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 670, Application US/10477238A; publication No. US20040221326A1; GENERAL INFORMATION:
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Best Local Similarity 56.6%;
Matches 30; Conservative
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US-10-477-238A-670
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US-10-680-287A-670
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                                                                                                                                             SEQ ID NO 91
                                                                                                                                                                                            TYPE: PRT
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APPLICANT: Liu, Wei
TITLE OF INVENTION: HBM Variants that Modulate Bone Mass and Lipid Levels
FILE REPERENCE: 032794818: US/10/477,173
CURRENT APPLICATION NUMBER: US 60/290,071
PRIOR APPLICATION NUMBER: US 60/290,071
PRIOR PILING DATE: 2001-05-11
PRIOR PILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: US 60/291,311
PRIOR PILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: US 60/353,058
PRIOR PILING DATE: 2002-02-01
PRIOR PILING DATE: 2002-02-01
PRIOR PILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 1086
SOFTWARE: PASTSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 NGQVSLPHFPRTHRLPKEMTPVEPAAFAAELISRLEKLKLELESRHSLEERLQ
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                                                                                                                                                                                                                                                                                                                                                                                                 Score 141.5; DB 16; Length 900;
Pred. No. 6e-08;
8; Mismatches 14; Indels 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Genome Therapeutics Corporation and APPLICANT: Genome Therapeutics Corporation and APPLICANT: Allan, Kristina M. APPLICANT: Waversky, Paul APPLICANT: Morales, Arturo J. APPLICANT: Graham, James R. APPLICANT: Anisowicz, Anthony APPLICANT: Liu, Wei
PRIOR APPLICATION NUMBER: US 60/290,071
PRIOR FILING DATE: 2001-05-11
PRIOR FILING DATE: 2001-05-17
PRIOR FILING DATE: 2001-05-17
PRIOR FILING DATE: 2002-02-01
PRIOR FILING DATE: 2002-02-01
PRIOR FILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 812
SOFTWARE: PSESEQ for Windows Version 4.0
SSOFTWARE: 900
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; Publication No. US20040043382A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 670, Application US/10477173
Publication No. US20050070699A1
GENERAL INFORMATION:
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Best Local Similarity 56.6%;
Matches 30; Conservative
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Best Local Similarity 56.6
Matches 30; Conservative
                                                                                                                                                                                                                                                                                                           TYPE: PRT
CORGANISM: Homo sapiens
US-10-680-287A-670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo sapiens
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US-10-092-900A-270
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Sequence 8, Application US/09798831

Patent No. US20010052137A1

GENERAL INFORMATION:

APPLICANT: KLEIN, Peter S.

TITLE OF INVENTION: AXIN DOMAIN-LIKE POLYPEPTIDE INHIBITORS OF GLYCOGEN

TITLE OF INVENTION: SINTHAGE KINASE 3 (BETA) ACTIVITY AND ACTIVATORS OF WNT

TITLE OF INVENTION: SIGNALING

FILE REPERENCE: 209596.0391/306U

CURRENT FILING DATE: 2001-03-01

PRIOR PAPLICATION NUMBER: US/09/798,831

PRIOR PAPLICATION NUMBER: US/09/198,831

PRIOR PAPLING DATE: 2000-03-01

NUMBER OF SEQ ID NOS: 12

SOFTWARE: PatentIN Ver. 2.1

SEQ ID NO 8

LENGTH: 842
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Sequence 6, Application US/09798831
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICAMT: KLEIN, PETER S.
TITLE OF INVENTION: SYNTHASE KINASE 3 (BETA) ACTIVITY AND ACTIVATORS OF WNT TITLE OF INVENTION: SIGNALING FILLE REFERENCE: 209596.0391/306U1
CURRENT APPLICATION NUMBER: US/09/798,831
CURRENT FILING DATE: 2001-03-01
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PATENTIN OF: 21
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Sequence 7, Application US/09798831

Sequence 7, Application US/09798831

Sequence 7, Application US/09798831

Sequence 7, Application US/09798831

GENERAL INFORMATION:

APPLICANT: KLEIN, Peter S.

TITLE OF INVENTION: SYNTHASE KINASE 3(BETA) ACTIVITY AND ACTIVATORS OF WNT

TITLE OF INVENTION: STGNALING

TITLE OF INVENTION: STGNALING

FILE REFERENCE: 209596.0391/30601
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 842;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 50.2%; Score 136.5; DB 9; Best Local Similarity 53.7%; Pred. No. 2.2e-07; Matches 29; Conservative 10; Mismatches 14;
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
Matches 25; Conservative
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US-09-798-831-8
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LENGTH: 25
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APPLICANT: Alsobrook, John P.
APPLICANT: Alsobrook, John P.
APPLICANT: Alsobrook, John P.
APPLICANT: Legley, Denise M.
APPLICANT: Burges, Carberine M.
APPLICANT: Burgess, Carberine B.
TITLE OF INVENTION: 00. US20040043382Alel Proteins and Nucleic Acids Encoding Same FILE REFERENCE: 21402-290C
CURREMY PAPLICATION NUMBER: USSN 60/274,322
RIOR APPLICATION NUMBER: USSN 60/274,322
RIOR APPLICATION NUMBER: USSN 60/274,281
RRIOR APPLICATION NUMBER: USSN 60/274,281
RRIOR APPLICATION NUMBER: USSN 60/274,281
RRIOR APPLICATION NUMBER: USSN 60/274,191
RRIOR PILING DATE: 2001-03-08
PRIOR PILING DATE: 2001-03-08
PRIOR PELING DATE: 2001-03-08
PRIOR PILING DATE: 2001-03-08
PRIOR PELING DATE: 2001-03-08
PRIOR PILING DATE: 2001-03-08
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PRIOR PELING DATE: 2001-03-08
PRIOR PELING DATE: 2001-03-08
PRIOR PELING DATE: 2001-03-08
PRIOR REPLICATION NUMBER: USSN 60/274,191
PRIOR APPLICATION NUMBER: USSN 60/274,499
PRIOR REPLICATION NUMBER: USSN 60/294,899
PRIOR PILING DATE: 2001-03-30
PRIOR PELING DATE: 2001-03-30
PRIOR PILING DATE: 2001-03
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Best Local Similarity 56.6%; Pred. No. 6.1e-08;
Matches 30; Conservative 8; Mismatches 14; Indels 1;
               Spytek, Kimberly A.
Shenoy, Suresh G.
Taupier Jr., Raymond J.
Pena, Carol E.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                      Guo, Xiaojia Sasha
Tchernev,, Velizar T.
Fernandes, Elma R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Casman, Stacie J.
Malyankar, Uriel M.
Gerlach, Valerie
                                                                                                                                                        Grhusen, Bryan D.
Gusev, Vladimir Y.
Ji, Weizhen
Gorman, Linda
Miller, Charles E.
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Catterton, Elina
Leite, Mario W.
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Gangolli, Esha A.
Vernet, Corine A.M.
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Liu, Yi
                                                                                                              Pena, C
Li, Li
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LENGTH: 912
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APPLICANT:
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APPLICANT:
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APPLICANT:
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RESULT 11 US-09-798-831-8

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Sequence | Application US/09798831 | Sequence | Application US/09798831 | Sequence | Application US/09798831 | Sequence | Application US/001052137A1 | Patent No. US20010052137A1 | GENERAL INFORMATION: ALINE POLYPEPTIDE INHIBITORS OF GLYCOGEN | TITLE OF INVENTION: SYNTHASE KINASE 3 (BETA) ACTIVITY AND ACTIVATORS OF WITT | TITLE OF INVENTION: SYNTHASE KINASE 3 (BETA) ACTIVITY AND ACTIVATORS OF WITT | TITLE OF INVENTION: SIGNALING | TITLE OF INVENTION: US/09/798, 831 | CURRENT APPLICATION NUMBER: US 60/186, 141 | PRIOR FILING DATE: 2000-03-01 | NUMBER OF SEQ ID NOS: 12 | SOFTWARE: PatentIn Ver. 2.1 | SEQ ID NO 5 | LENGTH: 25 | LENGTH: 25
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US-09-798-831-7
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Best Local Similarity 100.0%; Pred. No. 5.4e-07;
Matches 25; Conservative 0; Mismatches 0;
CURRENT APPLICATION NUMBER: US/09/798,831
CURRENT FILING DATE: 2001-03-01
PRIOR APPLICATION NUMBER: US 60/186,141
PRIOR FILING DATE: 2000-03-01
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.1
LENGTH: 25
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Publication No. US20040033493A1
GENERAL INFORMATION:
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David W.
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Zerhusen, Bryan
Patturajan, Meera
Shimkets, Richard
                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT: Spytek, Kimheriv
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Padigaru, Murali
Anderson, David
Rastelli, Luca
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US-10-072-012-490
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APPLICANT:
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APPLICANT: Furtak, Katazyna APPLICANT: Furtak, Katazyna APPLICANT: Grosse, William M. APPLICANT: Grosse, William M. APPLICANT: Grosse, William M. APPLICANT: Alsobrook II, John P. APPLICANT: Lepley, Denise M. APPLICANT: Lepley, Denise M. APPLICANT: Lepley, Daniel K. APPLICANT: Burgess, Catherine and Nucleic Acids Encoding Same FILE OF INVENTION: Proteins and Nucleic Acids Encoding Same FILE OF INVENTION: Proteins and Nucleic Acids Encoding Same FILE OF INVENTION NUMBER: 00/265,102
PRIOR APPLICATION NUMBER: 00/265,102
PRIOR FILING DATE: 2001-01-31
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/265,412
PRIOR APPLICATION NUMBER: 60/265,412
PRIOR APPLICATION NUMBER: 60/265,412
PRIOR APPLICATION NUMBER: 60/265,406
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/265,757
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PRIOR APPLICATION NUMBER: 60/265,757
PRIOR APPLICATION NUMBER: 60/267,957
PRIOR PLILING DATE: 2001-02-07
PRIOR PLILING DATE: 2001-02-07
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Pred. No. 1.3e+02;
6; Mismatches 19; Indels 24;
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Taupier Jr, Raymond J.
Gusev, Vladimir Y.
Colman, Steven D.
Wolenc, Adam R.
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Best Local Similarity 31.0%;
Matches 22; Conservative
                                                                                                                                                                      Pena, Carol E. A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       136 SNVPLESRHFL 146
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Code Dank (1850)

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Sequence 1797, Ap
Sequence 116, App
Sequence 36, Appli
Sequence 35, Appl
Sequence 270, Appl
Sequence 270, Appl
Sequence 91, Appl
Sequence 670, Appl
Sequence 670, Appl
Sequence 670, Appl
Sequence 670, Appl
                                                                                                                                                                                  October 25, 2005, 15:41:38 ; Search time 23.971 Seconds (without alignments) 1201.796 Million cell updates/sec
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-798-81-18
US-09-798-81-8
US-10-766-720-36
US-10-786-720-35
US-10-092-900A-270
US-10-192-90A-91
US-10-182-936A-91
US-10-182-936A-670
US-10-680-228A-670
US-10-680-228A-670
US-10-680-28A-670
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1862994 seqs, 417510619 residues
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                                                                                                                            OM protein - protein search, using sw model
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match Length DB
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Perfect score:
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2 75 20.8 218 1487 20.8 1487 20.8 1487 20.3 175 20.8 1487 20.3 175 20.8 1487 20.3 175 20.8 1487 20.3 175 20.1 1828 20.1 1838 20.1 1828 20.1 1838 2	16 US-10-425-115-227845 16 US-10-437-963-124794 16 US-10-425-115-227847 15 US-10-425-114-56486 9 US-09-920-804-2 15 US-10-425-114-56486 9 US-09-734-674-2 14 US-10-274-990-2 15 US-10-274-990-2 18 US-10-450-765-33467	16 US-10-425-115-244452 9 US-09-138-626-3956 16 US-10-434-672-308 16 US-10-425-111-262984 9 US-09-864-761-49062 15 US-10-404-047-2343 16 US-10-466-377-11 16 US-10-466-377-11 17 US-10-496-377-1 14 US-10-496-37-7 14 US-10-456-318-35367 16 US-10-425-115-35367 16 US-10-425-115-376008 18 US-10-425-115-276008 19 US-10-425-115-276008 10 US-10-425-115-276008 11 US-10-425-115-276008 12 US-10-425-115-276008 13 US-10-425-115-276008 14 US-10-425-115-276008 15 US-10-425-115-276008 16 US-10-425-115-276008 17 US-10-425-115-276008 18 US-10-425-115-276008 19 US-10-425-115-270243 11 US-10-425-115-270243 12 US-10-437-963-118666	SNMENTS  0  0  0  0  1  1  1  1  1  1  1  1  1
	75 20.8 77 20.8 72 20.8 72 20.3 72 50.1 72 5 20.1 72 5 20.1 72 5 20.1 72 5 20.1 72 5 20.1 72 5 20.1	71.5 669.5 699.5 109.4 699.5 109.4 699.5 109.3 699.5 109	T. 1  1-723-860-1797  Puence 1797, Application Unication No. US2004025360  FERAL INFORMATION:  PELICANT: Aziz, Natasha PELICANT: Ginaburg, Wendy PELICANT: Ginaburg, Wendy PELICANT: Zlotnik, Albert TIE OF INVENTION: Methods  TIE REFERENCE: 05882.0193.  FRENT APPLICATION NUMBER: 6  FRENT FILING DATE: 2003-11  MBER OF SEQ ID NOS: 8393  PENTARE: PATENTING DATE: 2003-11  MBER OF SEQ ID NOS: 8393  PENTARE: PATENTING DATE: 2003-11  MBER OF SEQ ID NOS: 8393  PENTARE: PATENTING DATE: 2003-11  MBER OF SEQ ID NOS: 8393  PENTARE: PATENTING DATE: 2003-11  MBER OF SEQ ID NOS: 8393  PENTARE: PATENTING DATE: 2003-11  PREMARE: PATENTING DATE: 2003-11

RESULT 1 HS_10_721_860_1797	
Sequence 1797, Application US/10723860	
; Publication No. US20040253606A1	
; GENERAL INFORMATION:	
; APPLICANT: Ginsburg, Wendy M.	
; AFFLICANI: ZIOCHIK, ALDELC: TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Composi	posi
; TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modul	odul
FILE REFERENCE: 05882.0193.NPUS01	
; CURRENT APPLICATION NUMBER: US/10/723,860	
; CURRENT FILING DATE: 2003-11-26	
; PRIOR APPLICATION NUMBER: 60/429,739	
; PRIOR FILING DATE: 2002-11-26	
; NUMBER OF SEQ ID NOS: 8393	
; SOFTWARE: PatentIn version 3.2	
; SEQ ID NO 1797	
; LENGTH: 843	
; TYPE: PRT	
; ORGANISM: Homo sapiens	
US-10-723-860-1797	
Query Match 92.2%; Score 332; DB 16; Length 843;	
cal Similarity 89.9%; Pred. No. 5.3e-30;	
Matches 62; Conservative 4; Mismatches 3; indels 0; Gaps	9
Qy 1 QIREDEEKEGSEQALSSRDGAPVQHPLALLPSGSYEEDPQTILDDHLSRVLKTPGCQSPG	SPG
Db 397 QIREDEBREGSELTLNSREGAPTQHPLSLLPSGSYEEDPQTILDDHLSRVLKTPGCQSPG	SPG

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TYPE: PRT
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                                                                                            APPLICANT: Martinez, Robert
APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AM100227 (011896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR APPLICATION NUMBER: US SOGIUM 05: 54873
SOFTWARE: Patentin Version 3.2
SEQ ID NO 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 8, Application US/09798831

Patent No. US20010052137A1

GENERAL INFORMATION

AZELICANT: KLEIN, Peter S.

TITLE OF INVENTION: SYNTHASE KINASE 3 (BETA) ACTIVITY AND ACTIVATORS OF GLYCOGEN

TITLE OF INVENTION: SYNTHASE KINASE 3 (BETA) ACTIVITY AND ACTIVATORS OF WIT

TITLE OF INVENTION: SYNTHASE KINASE 3 (BETA) ACTIVITY AND ACTIVATORS OF WIT

TITLE OF INVENTION: SYNTHASE KINASE 3 (BETA) ACTIVITY AND ACTIVATORS OF WIT

CURRENT APPLICATION NUMBER: US/09/798,831

CURRENT PELLING DATE: 2009-01-03-01

PRIOR FILING DATE: 2000-03-01
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 332; DB 16;
Pred. No. 5.3e-30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4; Mismatches
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                Sequence 116, Application US/10751736
Publication No. US20040265230A1
GENERAL INFORMATION:
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 8
LENGTH: 842
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              62; Conservative
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US-09-798-831-8
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US-10-751-736-116
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 62; Conserv
                                                                                APPLICANT: Wyeth
JS-10-751-736-116
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US-09-798-831-8
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Best Local S:
Matches 34
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APPLICANT: "Y-CLA
APPLICANT: "Y-CLA
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: uS/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN VERSION 3.2
SOFTWARE: PATENTIN VERSION 3.2
LENGTH: 862
RESULT 4

US-10-786-720-36

US-10-786-720-36

Sequence 36, Application US/10786720

Publication No. US20040191818A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Liu, Wei
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: USEASES
TITLE OF INVENTION: U
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35.8%; Pred. No. 3.1e-05;
tive 10; Mismatches 21;
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; Sequence 270, Application US/10092900A
; Publication No. US20040043382A1
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Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 35.84
Matches 34; Conservative
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US-10-786-720-35
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ORGANISM: Homo sapiens
US-10-786-720-36
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US-10-786-720-35
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APPLICANT: Bland, bland, bland, bland, bland, bland, bland, bland, bland, bland, bland, bland, blands,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       440 REAEBKLEERLKRVRMEEEGEDGDPSSGPPGPC-HKLPPAPAWHHFPPRLCWTWACAGLR 498
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31.5%; Score 113.5; DB 15; Length 900;
Best Local Similarity 34.4%; Pred. No. 0.00035;
Matches 33; Conservative 10; Mismatches 22; Indels 31;
                                                                                                                                                                                                                                                                                                                                       GENERAL INCREMATION:

GENERAL INCREMATION:

TITLE OF INVENTION: THE HIGH BONE MASS GENE OF 11q13.3

FILLE REFERENCE: 032796-021

FILLE REFERENCE: 032796-021

CURRENT PLING DATE: 2003-03-04

PRIOR APPLICATION NUMBER: US 09/544,398

PRIOR FILING DATE: 2000-04-05

PRIOR APPLICATION NUMBER: US 09/543,771

PRIOR FILING DATE: 2000-04-05

PRIOR PRILING DATE: 2000-04-05

PRIOR PRILING DATE: 1999-01-13

PRIOR FILING DATE: 1999-01-13

PRIOR FILING DATE: 1998-01-13

PRIOR FILING DATE: 1998-10-23

NUMBER OF SEQ ID NOS: 109

SEQ ID NO 91

LENGTH: 900
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33 GSYEEDPQTILDDHLSRVLKTPGCQSPGVGRYSPRS 68
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                                                                                                                                                                                                           US-10-374-979-91
; Sequence 91, Application US/10374979
; Publication No. US/0030219793A1
; GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Allen, Kristina M.
APPLICANT: Anisowicz, Anthony
APPLICANT: Bhat, Bheem
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Homo sapiens
US-10-374-979-91
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ORGANISM: Homo sapiens
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APPLICANT: Lepley, Denise M.
APPLICANT: Lepley, Denise M.
APPLICANT: Lepley, Denise M.
APPLICANT: Lepley, Denise M.
APPLICANT: Lepley, Denise M.
APPLICANT: Regest, Denise M.
APPLICANT: Burgest, Catherine E.
TITLE OF INVENTION: No. US20040043382Alel Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-290C
CURRENT APPLICATION NUMBER: US/10/092,90A
PRIOR APPLICATION NUMBER: US/8N 60/274,322
PRIOR APPLICATION NUMBER: US/8N 60/274,281
PRIOR PRILING DATE: 2001-04-13
PRIOR PAPLICATION NUMBER: US/8N 60/274,191
PRIOR FILING DATE: 2001-03-08
PRIOR FILING DATE: 2001-03-08
PRIOR PELLON NUMBER: US/8N 60/274,191
PRIOR APPLICATION NUMBER: US/8N 60/274,191
PRIOR APPLICATION NUMBER: US/8N 60/274,191
PRIOR APPLICATION NUMBER: US/8N 60/274,191
PRIOR PELLON DATE: 2001-03-08
PRIOR APPLICATION NUMBER: US/8N 60/274,191
PRIOR PELLON DATE: 2001-03-08
PRIOR PELLON NUMBER: US/8N 60/294,899
PRIOR PELLON NUMBER: US/8N 60/294,899
PRIOR PELLON NUMBER: US/8N 60/294,899
PRIOR PELLON NUMBER: US/8N 60/297,424
PRIOR PELLON NUMBER: US/8N 60/297,424
PRIOR PELLON NUMBER: US/8N 60/297,424
PRIOR PELLON NUMBER: US/8N 60/297,424
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PROPER PERCORD NUMBER: US/8N 60/297,424
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PROPER PERCORD N
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                                 Padigaru, Muralidhara
Spytek, Kimberly A.
Shenoy, Suresh G.
Taupier Jr., Raymond J.
Pan, Carol E.A.
                                                                                                                                                                                                                                                                                                                                                                                                              Gorman, Linda
Miller, Charles E.
Kekuda, Ramesh
Patturajan, Meera
Gangolli, Esha A.
Vernet, Corine A.M.
Guo, Xiaojia Sasha
Tchernev, Velizar T.
Fernandes, Elma R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Liu, Yi
Anderson, David W.
Spaderna, Steven K.
Cattercon, Elina
Leite, Mario W.
Zhong, Haihong
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Malyankar, Uriel M.
                                                                                                                                                                                                                                                                                     Zerhusen, Bryan D.
Gusev, Vladimir Y.
Ji, Weizhen
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Best Local Similarity 35.4
Matches 34; Conservative
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ORGANISM: Homo sapiens
US-10-092-900A-270
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                                                                                                                                                                                                                                                                                                      APPLICANT
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                                                                                  Gaps
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                                                                                                                                                                                                                                                                                                                                                        Sequence 670, Application US/10477238A
Publication No. US20040221326A1
GENERAL INFORMATION:
APPLICANT: Babij, Philip
APPLICANT: Babij, Philip
APPLICANT: Bex, Frederick J. III
APPLICANT: Bodine, Peter Van Nest
TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
FILE REPRENCE: 032796-212
CURRENT APPLICATION NUMBER: US/10/477,238A
CURRENT FILING DATE: 2003-11-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Babij, Philip
APPLICANT: Babij, Philip
APPLICANT: Yaworsky, Paul
APPLICANT: Babis, Frederick J. III
APPLICANT: Bodine, Peter Van Nest
TITLE OF INVENITION: Transgenic Animal Model of Bone Mass Modulation
FILE REFERENCE: 032796-179
CURRENT APPLICATION NUMBER: US/10/680,287A
CURRENT FILING DATE: 2003-10-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               31;
                                                                                  31;
                                   31.5%; Score 113.5; DB 15; Length 900; 34.4%; Pred. No. 0.00035; ive 10; Mismatches 22; Indels 31;
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                                                                                                                             3 REDEEK------EGSEQALSSRDGAPVQHPLALLPS--
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                                                                                                                                                                                                               33 GSYEEDPQTILDDHLSRVLKTPGCQSPGVGRYSPRS 68
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PRIOR FILING DATE: 2001-05-11
PRIOR FILING DATE: 2001-05-17
PRIOR FILING DATE: 2001-05-17
PRIOR FILING DATE: 2002-02-01
PRIOR FILING DATE: 2002-02-01
PRIOR FILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 812
SOFTWARE: FastSEQ for Windows Version 4.0
SOFTWARE: 900
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PRIOR APPLICATION NUMBER: PCT/US02/14876
PRIOR FILING DATE: 2002-05-13
PRIOR APPLICATION NUMBER: US 60/290,071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 10
US-10-680-287A-670
; Sequence 670, Application US/10680287A
; Publication No. US20040244069A1
                                      Query Match
Best Local Similarity 34.4'
Matches 33; Conservative
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Best Local Similarity
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US-10-477-238A-670
JS-10-182-936A-91
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Best Local Similarity 34.4%; Pred. No. 0.00035;
Matches 33; Conservative 10; Mismatches 22; Indels 31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                31.5%; Score 113.5; DB 16; Length 900; 34.4%; Pred. No. 0.00035;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       22; Indels
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PRIOR APPLICATION NUMBER: US 60/291,311
PRIOR FILING DATE: 2001-05-17
PRIOR FILING DATE: 2002-02-01
PRIOR FILING DATE: 2002-02-01
PRIOR FILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 812
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 34.49
Matches 33; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Homo sapiens
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US-10-477-173-670
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Sequence 205230, Application US/10425115
; Sequence 205230, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Cao, Yongwei
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Plante R
; TITLE OF INVENTION: Plante B
; TITLE OF INVENTION: Plante B
; TITLE OF INVENTION: UMBER: US/10/425,115
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 205230
                                                                                                                                                                                                                                                                                                           APPLICANT: La ROSA, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Kovalic, David K.
APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: Oao, Yongwei
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(53222)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 227847
LENGTH: 175
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560 ENDEEEGDEKHTIQDDVVVSGQDVAAGLVRMGILPRICFLLEMDPHPILEDNLVSILL-- 617
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
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29.8%; Pred. No. 3.3;
tive 10; Mismatches 19;
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                                                                                                                                                                                                                                     Sequence 227847, Application US/10425115 Publication No. US20040214272A1 GENERAL INFORMATION:
                                                                                                          618 ----ĠLAŘHŠPQŠ 626
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Matches 17; Conservative
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145 RLQRV--CSSP 153
                                                          55 GCQSPGVGRYSPRS
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ORGANISM: Zea mays
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                                                                                                                                                                                        RESULT 14
US-10-425-115-227847
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APPLICANT: Wu, Wei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
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APPLICANT: Li, Ping
APPLICANT: Li, Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5321)B
CURRENT APPLICATION NUMBER: 120(3-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NOS: 204966
SEQ ID NO 124194
                                                                                                                             APPLICANT: La ROSA, Thomas J.
APPLICANT: La ROSA, Thomas J.
APPLICANT: Exovalic, David K.
APPLICANT: Exovalic, David K.
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
FILE REPERENCE: 38-21(53222) B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
SEQ ID NOS: 369326
SEQ ID NO 227845
LENGTH: 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   'n
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  85 RVRNGDRSSQGSPAKQSREGVGLSLDIPQLHDLAVRPSKDKEESPDAALDFSFHSDEHSQ 144
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 20.8%; Score 75; DB 16; Length 218; Best Local Similarity 29.5%; Pred. No. 2.1; Matches 23; Conservative 6; Mismatches 29; Indels
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US-10-437-963-124794
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) OTHER INFORMATION: Clone ID: MRT4577_139390C.1.pep
US-10-425-115-227845
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: (1)..(218)
OTHER INFORMATION: ungure at all Xaa locations
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Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Cao, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
                                    US-10-425-115-227845
; Sequence 227845; Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
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ORGANISM: Zea mays
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Sequence 1, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 9, Appli
Sequence 9, Appli
Sequence 1159, A
                                                                            October 25, 2005, 15:30:58; Search time 5.34037 Seconds (without alignments) 964.500 Million cell updates/sec
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                                                                                                                                             1 QIREDEEKEGSEQALSSRDG.....VLKTPGCQSPGVGRYSPRSR
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(cgn2_6/ptodata/1/iaa/5A COMB.pep:*

// cgn2_6/ptodata/1/iaa/5B COMB.pep:*

// cgn2_6/ptodata/1/iaa/6B COMB.pep:*

// cgn2_6/ptodata/1/iaa/6B COMB.pep:*

// cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

// cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
            GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-08-890-865A-4

US-09-910-804-2

US-09-734-674-2

US-09-734-674-2

US-09-734-674-2

US-09-116-9

US-09-916-11597

US-09-976-916-11597

US-09-976-916-11597

US-09-976-916-11347

US-09-976-916-11347

US-09-916-11650

US-09-916-11650

US-09-916-11650

US-09-916-11650

US-09-918-918-11

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US-08-918-918-11

US-08-918-918-5
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                                                                                                                                                                                                                        Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                   513545 seqs, 74649064 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                           SUMMARIES
                                                                                                                                                                                                                                                                             Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                        using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match Length DB
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417 REAEEKLEERLKRVRAEEEGEDADISSGPSV-ISHK---MPSAQPFHHFAPRYSEMGCAG 472
              Sequence 17831, A
Sequence 19940, A
Sequence 17964, A
Sequence 4, Appli
Sequence 24897, A
Sequence 17141, A
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Appl
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CCUNTRY: US

ZIF: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,865A
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTONEY/AGENT INFORMATION:
REGISTRATION NUMBER: 28,678
REFREENCE/DOCKET NUMBER: 28,678
REFREENCE/DOCKET NUMBER: 28,678
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION NUMBER: 0575/54249
TELECOMMUNICATION NUMBER: 210,010
TELECOMMUNICATION NUMBER: 210,0526
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHRACTERISTICS:
LENGTH: 855 amino acids
                                                           US-09-920-804-4
US-09-52-991A-24897
US-09-252-991A-1741
US-09-489-039A-1741
US-08-404-511B-29
US-08-476-900A-29
US-08-476-900A-29
US-08-476-900A-29
US-08-476-900A-9
US-08-488-546A-9
US-08-488-546A-9
US-08-488-546A-9
US-08-726-320-5
              -09-252-991A-17831
-09-252-991A-19940
-09-252-991A-17964
                                                                                                                                                                                                                                                                     US-09-695-795A-2
US-09-270-767-45990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AXIN GENE AND USES THEREOF
                                                                                                                                                                                                                                                     JS-09-208-716-5
                                                                                                                                                                                                                                                                                                                                                                         sequence 10, Application US/08890865A
Patent No. 6307019
GENERAL INFORMATION:
APPLICANT: Zeng, Li
TITLE OF INVENTION:
CORRESPONDENCE ADDRESS:
ADDRESSE: ADDRESSE:
ADDRESSE: ADDRESSE:
CITY: New York
STATE: New York
COUNTRY: US
COUNTRY: US
STATE: New York
COUNTRY: US
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Best Local Similarity
Matches 35; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                     ATTORNEY AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)278-0400
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-920-804-2; Sequence 2, Application US/09920804; Patent No. 673899; GENERAL INFORMATION:
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Best Local Similarity 38.3
Matches 18; Conservative
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Matches 33; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT ORGANISM: MUS musculus US-09-920-804-2
                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
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US-09-734-674-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
CAMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,865A
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 05/5/54249
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (212)278-0400
TELEFAX: (212)391-0526
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                      Sequence 1, Application US/08890865A
; Patent No. 6307019
; GENERAL INFORMATION:
; APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
; TITLE OF INVENTION: AXIN GENE AND USES THEREOF
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
STREET: New York
; CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 4, Application US/08890865A
; Patent No. 6307019
; GENERAL INFORMATION:
    APPLICANT: Zeng, Li
    TITLE OF INVENTION: AXIN GENE AND USES THEREOF
; CORRESPONDENCE ADDRESS:
    ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               38.8%; Score 139.5; DB 3;
35.3%; Pred. No. 7.7e-09;
tive 14; Mismatches 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 992 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 35.3
Matches 30; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear MOLECULE TYPE: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      New York
: New York
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                                                                              RESULT 2
US-08-890-865A-1
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US-08-890-865A-4
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Sequence 2, Application US/09734674;
Patent No. 6498022;
GENERAL INFORMATION:
APPLICANT WEI, Ming-Hui et al
TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: NUCLBIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     440 REABEKLEERLKRVRMEEBGEDGDPSSGPPGPC-HKLPPAPAWHHFPPRLCWTWACAGLR 498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Seino, Susumu; JCR Pharmaceuticals Co., Ltd.
TITLE OF INVENTION: Sodium Ion-Driven Chloride/Bi-Carbonate Exchanger
FILE REFERRNCE: GP44
CURRENT APPLICATION NUMBER: US/09/920,804
CURRENT FILING DATE: 2001-08-03
NUMBER OF SEQ ID NOS: 8
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      31.5%; Score 113.5; DB 3; Length 900; 34.4%; Pred. No. 1.4e-05; ive 10; Mismatches 22; Indels 31.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1018 EDAEKEEEGSMLAMEDEGTVQLPL----EGHYRDDPSVINISDEMSK 1060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 72.5; DB 4; Length 1088; Pred. No. 3.1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4 EDEEKEGSEQALSSRDGAPVQHPLALLPSGSYEEDPQTI-LDDHLSR 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3 REDEEK-------EGSEQALSSRDGAPVQHPLALLPS-
SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,865A FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               33 GSYEEDPOTILDDHLSRVLKTPGCQSPGVGRYSPRS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6; Mismatches
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GENERAL INCORMATION:
GENERAL INCORMATION:
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GENERAL INCORMATION:
APPLICANT: Scanlan, Thomas S.
APPLICANT: Baxter, John D.
APPLICANT: Fletterick, Robert J.
APPLICANT: Fletterick, Robert J.
APPLICANT: Wagner, Richard L.
APPLICANT: Wagner, Peter J.
APPLICANT: Wagner, Brian L.
APPLICANT: Shiau, Andrew K.
TITLE OF INVENTION: NUCLEAR RECEPTOR LIGANDS AND LIGAND BINDING DOMAINS
FILE REFERENCE: 1997-11-26
CURRENT APPLICATION NUMBER: 1997-12-13
CURRENT FILING DATE: 1996-12-13
EARLIER FILING DATE: 1995-12-14
EARLIER FILING DATE: 1995-12-14
EARLIER FILING DATE: 1995-12-13
EARLIER FILING DATE: 1995-12-13
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                                                                                                                                                                                                                                    1 QIREDEEKEGSEQALSSRDGAPVQH--PLALLPSGSYEE----DPQTILDDHLSRVLKT 53
                                                                                                                                                                                                                                                                             10 EVREEEEKEEVARA----EGAPELNGGPQHALPSSSYTDLSRSSSPPSLLDQ-----LQ
                                                                                                                                                                     Indels 17; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels 17;
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19.0%; Score 68.5; DB 3; Length 441;
Best Local Similarity 30.3%; Pred. No. 3;
Matches 23; Conservative 10; Mismatches 26; Indels 17
                                                                                                    Query Match 19.0%; Score 68.5; DB 3; Best Local Similarity 30.3%; Pred. No. 3; Matches 23; Conservative 10; Mismatches 26;
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US-09-166-265-7
US-09-166-265-7
Sequence 7, Application US/09166265
Patent No. 6689574
GENERAL INFORMATION:
APPLICANT: Cummings, Richard T.
APPLICANT: Hermes, Jeffrey D.
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SEQ ID NO 9
, MOLECULE TYPE: protein US-08-764-870-9
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Pred. No. 3.3;
6; Mismatches 18; Indels 5
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APPLICANT: Fletterick, Robert J
APPLICANT: Wagner, Richard L
APPLICANT: Wanner, Richard L
APPLICANT: Apriletti, James W
APPLICANT: Apriletti, James W
APPLICANT: West, Brian
TITLE OF INVENTION: Nuclear Receptor Ligands and Ligand
TITLE OF INVENTION: Binding Domains
NUMBER OF SEQUENCES: 16
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STREET: Five Palo Alto Square, 3000 El Camino Real
CITY: Palo Alto
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ZIP: 94306
COMPUTER READABLE FORM:
MUDIUM TYPE: Floppy disk
COMPUTER: IBM CC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NATA:
APPLICATION NUMBER: US/08/764,870
FILING DATE: 13-DEC-1996
CLASSIFICATION DATA:
APPLICATION NUMBER: US 60/008,540
FILING DATE: 13-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/008,543
FILING DATE: 13-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/008,606
FILING DATE: 14-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/008,606
FILING DATE: 14-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: NAAGMUTAN JACKIE N
REFERENCE/DOCKET NUMBER: UCAL-246/01US
TELECOMMUTICATION NUMBER: 35,966
REFERENCE/DOCKET NUMBER: UCAL-246/01US
TELECOMMUTICATION NUMBER: 35,966
REFERENCE/DOCKET NUMBER: UCAL-246/01US
TELECOMMUTICATION NUMBER: US 60/008,606
REFERENCE/DOCKET NUMBER: UCAL-246/01US
TELECOMMUTICATION NUMBER: 35,966
REFERENCE CHARACTERICS:
LENGTH: 441 amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: Amino acids
TYPE: AMINO ACIDS
TOTALED TO TELECOMMUTICATION NUMBER: UCAL-246/01US
TYPE: AMINO ACIDS
TYPE: AMINO A
      TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: CL001018
CURRENT APPLICATION NUMBER: US/09/734,674
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 1129
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US-08-764-870-9
; Sequence 9, Application US/08764870
; Patent No. 6236946
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38.3%;
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Best Local Similarity 38.3
Matches 18; Conservative
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ADDRESSEE: Cooley Go
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APPLICANT: Scanla
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US-09-734-674-2
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Gaps

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10 EVREEEEKKEEVAEA----EGAPELNGGPQHALPSSSYTD-----LSRSSSPPSRLD 56
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Patent No. 6703491
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
CURRENT PAPLICATION NUMBER: US/09/270,767
CURRENT PILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62217
SOFTWARE: PATENTIN Ver. 2.0
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TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         18.5%; Score 66.5; DB 4; Length 441; 30.4%; Pred. No. 5.3; tive 8; Mismatches 24; Indels 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 595;
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Pred. No. 6;
6; Mismatches 22;
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; OTHER INFORMATION: Incyte ID No. 6673549 678004CD1
US-09-976-594-1000
                                FILE REFERENCE: 107196.136
CURRENT APPLICATION WUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-7
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 17434
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ORGANISM: Pseudomonas aeruginosa
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Best Local Similarity 38.3%;
Matches 18; Conservative
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Best Local Similarity 30.4
Matches 24; Conservative
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US-09-270-767-40580
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US-09-976-594-1000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 11597, Application US/09949016
| Sequence 11597, Application US/09949016
| Patent No. 6812339
| GENERAL INFORMATION:
| APPLICANT: VENTER, J. Craig et al. |
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF CURRENT APPLICATION NUMBER: US/09/949,016
| CURRENT APPLICATION NUMBER: 60/241,755 |
| PRIOR APPLICATION NUMBER: 60/241,755 |
| PRIOR APPLICATION NUMBER: 60/237,768 |
| PRIOR FILING DATE: 2000-10-03 |
| PRIOR FILING DATE: 2000-10-03 |
| PRIOR FILING DATE: 2000-00-06
                                   APPLICANT: Zhou, Gaochao
TITLE OF INVENTION: ASSAYS FOR NUCLEAR RECEPTOR AGONISTS AND
TITLE OF INVENTION: ANTAGONISTS USING FLUORESCENCE RESONANCE ENERGY TRANSFER
FILE REPRENCE: 20017
CURRENT APPLICATION NUMBER: US/09/166,265
CURRENT APPLICATION NUMBER: US/09/166,265
CURRENT FILING DATE: 1998-10-05
SURMER OF SEQ ID NOS: 12
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7
LENGTH: 441
TYPE: PRT
CREATE: PRT
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SOFTWARE: FastSEQ for Windows Version 4.0
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              APPLICANT: Moller, David E.
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Matches 23; Conserv
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US-09-949-016-11597
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LENGTH: 500
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GENERAL INFORMATION:

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

FRIOR PILING DATE: 2000-10-20

PRIOR PLING DATE: 2000-10-20

PRIOR PLING DATE: 2000-10-03

PRIOR PLING DATE: 2000-09-08

NUMBER OF SEC ID NOS: 207012

SOFTHARE: FRESE FRESE FOR WINGOWS VETSION 4.0

SEQ ID NO 11347

LENGTH: 605
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                                                                                                                                                                                                                                                                                                                        Patent No. 6703491

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT HOMBURS et al.
TITLE OF INVENTION:
FILE REFERENCE: File Reference: 7326-094
CURRENT PILION NUMBER: US/09/270,767
CURRENT PILION DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 55796
LENGTH: 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 IREDE----EKEGSEQALSSRDGAP---VQHPLALLPSGSYEEDPQT-ILDDHLSRVLKTP
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                                                                                                           Query Match
Best Local Similarity 28.3%; Pred. No. 0.96;
Matches 15; Conservative 10; Mismatches 28; Indels
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28.3%; Pred. No. 0.96;
tive 10; Mismatches
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; Sequence 11347, Application US/09949016
; Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-55796
              LENGTH: 90
T TYBE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-40580
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SEQ ID NO 40580
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Matches 15
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APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregor C.
APPLICANT: Slater, Steven C.
TITLE OF INVENTION: Mycococcus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38-10 (15649) B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2000-07-10
PRIOR PILLING DATE: 2000-07-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           12 EQALSSRDGAPVQHPLAL-----LPSGSYEEDPQTILDDHLSRVLKTPGC-QSP
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26.1%; Pred. No. 28;
tive 12; Mismatches
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Job time : 6.34037 secs
                                                                                                                                                                                                 Sequence 11650, Application US/09902540 Patent No. 6833447
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Myxococcus xanthus US-09-902-540-11650
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Best Local Similarity 26.1%
Matches 18; Conservative
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SEQ ID NO 11650
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                                                                                            442 GARGP 446
                                                     55 GCQSP 59
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41740, A
14579, A
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Seguence 4, Appli
                                                                         ; Search time 3.94723 Seconds (without alignments) 964.500 Million cell updates/sec
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Sequence 4
Sequence 4
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Sequence 4
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Sequence 5
Sequence 5
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                                                                                                                      US-09-587-574-5
276
1 LTLGHFKEQLSKKGNYRYYF.....VFBEIWDDBTVLPMYBGRIL
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1: /cgTL_6/prodata/1/iaa/5A_COMB.pep:*
2: /cgTL_6/prodata/1/iaa/5B_COMB.pep:*
4: /cgTL_6/prodata/1/iaa/6A_COMB.pep:*
5: /cgTL_6/prodata/1/iaa/6B_COMB.pep:*
5: /cgTL_6/prodata/1/iaa/PCTUS_COMB.pep:*
6: /cgTL_6/prodata/1/iaa/PCTUS_COMB.pep:*
           GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-08-890-865A-1

US-08-890-865A-1

US-08-890-865A-1

US-08-890-865A-1

US-09-949-016-10957

US-09-949-016-64955

US-09-949-016-64955

US-09-949-016-6495

US-09-949-016-6495

US-09-949-016-6495

US-09-949-016-6495

US-09-949-016-6495

US-09-985-752-42

US-09-26-248-796A-14579

US-09-248-796A-14579

US-09-256-149-5
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US-09-347-878-28
US-09-328-352-7587
                                                                                                                                                                                                                     Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                 513545 segs, 74649064 residues
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                                                                                                                                                                                                                                                                          Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                           October 25, 2005, 15:30:58
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Gapop 10.0 , Gapext 0.5
                                                       using sw
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Maximum DB seq length: 2000000000
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Match Length DB
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                                                                                                                                  score:
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         Sequence 10, Appl
Sequence 21, Appl
Sequence 21, Appl
Sequence 10, Appl
Sequence 29, Appl
Sequence 6574, Appl
Sequence 6574, Appl
Sequence 2, Appli
Sequence 2, Appli
Sequence 36, Appli
Sequence 8, Appli
Sequence 3, Appli
Sequence 2, Appli
Sequence 3, Appli
Sequence 3, Appli
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66.7%; Pred. No. 4.5e-19;
.ive 10; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,865A
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTOMNEY/AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
REGISTRATION NUMBER: 0575/54249
TELECOMMULCATION INFORMATION:
TELEPHONE: (212)278-0400
TELEPHONE: (212)278-0526
INFORMATION FOR SEQ ID NO: 5EQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                            Sequence 10, Application US/08890865A
Patent No. 6307019
GENERAL INFORMATION:
APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
TITLE OF INVENTION: AXIN GENE AND USES THEREOF
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
COUNTRY: US
                                                                                                                                                                                US-08-432-016-3
US-08-684-594-3
US-08-213-419B-13
US-09-270-767-42681
                      US-08-845-528C-10
US-08-627-820-24
US-09-627-820-10
US-09-392-714-29
US-09-392-714-29
US-09-349-016-6574
US-09-349-016-8559
US-08-971-244-2
US-09-26-891-2
US-09-26-891-2
US-09-26-891-2
US-09-26-891-2
US-09-26-891-2
US-09-26-891-2
US-01-247-9368-8
            3-08-993-118-10
3-08-845-528C-10
3-08-627-820-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 855 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 66.7%
Matches 34; Conservative
single
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 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                      RESULT 1
US-08-890-865A-10
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Gaps

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1 LTLGHFKEQLSKKGNYRYYFKKASDEFACGAVFEEIWDDETVLPMYEGRIL 51
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                                                                                                                                                                                                                                                                                                                                                                                                                  Length 51;
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SOFTWARE: Patentin Release #1.0, Version #1.30
SOFTWARE: Patentin DATA:
APPLICATION NUMBER: US/08/890,865A
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 68.8%; Score 190; DB 3; Best Local Similarity 66.7%; Pred. No. 1.4e-19; Matches 34; Conservative 9; Mismatches 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
APPLICANT: Zeng, Li
TITLE OF INVENTION: AXIN GENE AND
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-890-865A-1; Sequence 1, Application US/08890865A; Patent No. 6307019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Cooper & Dunham LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAWE: White, John P
REGISTRATION NUMBER: 28,678
REFREBNCE/POCKET NUMBER: 0575,
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)278-0400.
                CLASSIFICATION: 435
ATORNEY/AGENY INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
REFREENCE/DOCKET NUMBER: 0575
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)278-0400
TELEPHONE: (212)391-0526
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 51 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear MOLECULE TYPE: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: New York STATE: New York COUNTRY: US ZIP: 10036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS: sin
                                                                                                                                                                                                                                                                                                                            linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                     US-08-890-865A-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              8; Indels
                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IRM PC compatible
COMPUTER: IRM PC compatible
COMPUTER: IRM PC compatible
COMPUTER: IRM PC compatible
COMPUTER: IRM PC compatible
COMPUTER: IRM PC compatible
COMPUTER: IRM PC compatible
SECTION TO STATE
APPLICATION NUMBER: US/08/890,865A
FILING DATE: 10-7UL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 0575/54249
REFERENCE/DOCKET NUMBER: 0575/54249
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)391-0526
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 900 amino acid
TYPE: amino acid
TYPE: amino acid
TYPE: ACMPUTED STATES:
TOPOLOGY 1 in an
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,865A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 23, Application US/08890865A
Sequence 23, Application US/08890865A
Patent No. 6307019
GENERAL INFORMATION:
APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
TITLE OF INVENTION: AXIN GENE AND USES THEREOF
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                     GENERAL INFORMATION:
APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
TITLE OF INVENTION: AXIN GENE AND USES THEREOF
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              9; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: US
                                                                                                                                                                                                                             ADDRESSE: Cooper & Dunham LLP
STREFF: 1185 Avenue of the Americas
CITY: New York
STATE: New York
                                          ; Sequence 4, Application US/08890865A; Patent No. 6307019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 66.77
Matches 34; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
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RESULT 2
US-08-890-865A-4
                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-890-865A-4
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Gaps

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CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE: 10-JUL-1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: White, 10hn P

REGISTRATION NUMBER: 28,678

REGISTRATION NUMBER: 28,678

TELEPRANCE/DOCKET NUMBER: 0575/54249

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION SEQ ID NO: 21:

TELEPRAX: (212)391-0526

INPORMATION FOR SEQ ID NO: 21:

SEQUENCE CIRRACTERISTICS:

LENGTH: 49 aming acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 37.0%; Score 102; DB 3; Best Local Similarity 41.2%; Pred. No. 3.6e-07; Matches 21; Conservative 8; Mismatches 20
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                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: Protein
                                                                                                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: si
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GENERAL INFORMATION:
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DB 3; Length 50;
                                                                       RÉSULT 5
US-08-890-865A-22
i Sequence 22, Application US/08890865A
j Patent No. 6307019
j GENEMAL INFORMATION:
j APPLICANT: Zeng, Li
TILE OF INVENTION: AXIN GENE AND USES THEREOF
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
j ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
TITLE OF INVENTION: AXIN GENE AND USES THEREOF
NUMBER OF SEQUENCES: 23
NUMBER OF SEQUENCES: 23
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATUR SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
PRILICATION NUMBER: US/08/890,865A
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 39.7%; Score 109.5; DB 3
46.2%; Pred. No. 3.2e-08;
tive 10; Mismatches 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/54249
TELECOMMUNICATION INFORMATION:
TELEFRAX: (212)278-0400
TELEFAX: (212)391-0526
INFORMATION FOR SEQ ID NO: 22: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-890-865A-21
; Sequence 21, Application US/08890865A
; Patent No. 6307019
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
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27. 134.5 3 -

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR PALING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOCTHARE: PREASEQ for Windows Version 4.0
SEG ID NO 10957
LENGTH: 738 ; Sequence 6495, Application US/09949016 ; Patent No. 6812339 ; GENERAL INFORMATION: ; APPLICANT: VENTER, J. Craig et al. ; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED ; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF Gaps Gaps 1 LTLGHFKEQLSKKGNYRYYFKKASDEFACGAVFEEIWDDETVLPMYEGRIL 51 1 LTLGHEKEQLSKKGNYRYYFKKASDEFACGAVFEEIWDDETVLPMYEGRIL 51 .. 7 Query Match
37.0%; Score 102; DB 4; Length 738;
Best Local Similarity 41.2%; Pred. No. 9.6e-06;
Matches 21; Conservative 8; Mismatches 20; Indels Length 49;

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Sequence 43189, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: HOMBURGE et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT PILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 43189
LENGTH: 313
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1 VTLADFKNVLSNRPVHAYKFFFKSMDQDF--GVVKEEIFDDNAKLPCFNGRVV 51
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 30.8%; Score 85; DB 4; Length 313; Best Local Similarity 33.3%; Pred. No. 0.00085; Matches 15; Conservative 14; Mismatches 16; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 22.1%; Score 61; DB 4; Length 601; Best Local Similarity 29.2%; Pred. No. 4.6; Matches 14; Conservative 12; Mismatches 20; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 TLGHFKEQLSKKGNYRYYFKKASDEFACGAVFEIWDDETVLPMY 46
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/398,395A
CURRENT FILING DATE: 1999-09-17
RRIOR APPLICATION NUMBER: 60/100,993
PRIOR FILING DATE: 1998-09-18
PRIOR FILING DATE: 1998-04-22
PRIOR FILING DATE: 1999-04-22
PRIOR FILING DATE: 1999-04-22
PRIOR FILING DATE: 1999-04-22
PRIOR FILING DATE: 1999-04-23
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 3.0
SSOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Chappell, Joseph
APPLICANT: No 64687721, Joseph P.
APPLICANT: Starks, Courtney M.
APPLICANT: Manna, Kathleen R.
TITLE OF INVENTION: SYNTHASES
FILE REFERENCE: 07678-025001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 42, Application US/09887586A
Patent No. 6495354
GENERAL INFORMATION:
APPLICANT: Chappell, Joseph
APPLICANT: No. 64953541, Joseph P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 42, Application US/09398395A
Patent No. 6468772
                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Ricinus communis
                                                                                               US-09-270-767-43189
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 16; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUNBER: US/08/890,865A
FILING DATE: 10-JUJ-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John PREGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/54249
TELEPHONE: (212) 278-0400
TELEPHONE: (212) 278-0400
TELEPHONE: (212) 391-0526
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
TENTH: 51 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 20, Application US/08890865A
Patent No. 6307019
GENERAL INFORMATION:
APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
TITLE OF INVENTION: AXIN GENE AND USES THEREOF
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 34.4%; Score 95; DB 3; I Best Local Similarity 39.6%; Pred. No. 3.6e-06; Matches 21; Conservative 10; Mismatches 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 11; Mismatches
               CURRENT PERIOR NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
SPRIOR FILING DATE: 2000-10-03
SPRIOR FILING DATE: 2000-10-03
SOFTWARE: PASTESQ for Windows Version 4.0
SSOFTWARE: PASTESQ for Windows Version 4.0
SEQ ID NO 6495
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TYPE: amino acid
STRANDEDNESS: single
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     FILE REFERENCE: CL001307
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                    US-09-949-016-6495
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US-08-890-865A-20
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                 APPLICANT: Starks, Coutrney M.
APPLICANT: Manna, Kathleen R.
TITLE OF INVENTION: SYNTHASES
TITLE REPRENCE: 07678-02501
CURRENT APPLICATION NUMBER: US/09/903,012B
CURRENT FILING DATE: 1998-09-18
PRIOR FILING DATE: 1998-09-18
PRIOR FILING DATE: 1999-04-22
PRIOR FILING DATE: 1999-08-23
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FERSION NUMBER: 60/150,262
PRIOR FILING DATE: 1999-08-23
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FEASTERE OF WINDOWS Version 3.0
SSOFTWARE: FEASTERE OF WINDOWS VERSION 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12; Mismatches
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APPLICANT: Chappell, Joseph
APPLICANT: Chappell, Joseph
APPLICANT: Starks, Courtney M.
APPLICANT: Starks, Courtney M.
APPLICANT: Manna, Kathleen R.
TITLE OF INVENTION: SYNTHASES
FILLE REFERENCE: 07678-025001
CURRENT FILLING DATE: 2001-07-06
PRIOR FILLING DATE: 1999-09-17
PRIOR FILLING DATE: 1999-09-17
PRIOR FILLING DATE: 1999-04-22
PRIOR APPLICATION NUMBER: 60/130,628
PRIOR FILLING DATE: 1999-04-22
PRIOR FILLING DATE: 1999-08-23
PRIOR FILLING DATE: 1999-08-23
PRIOR FILLING DATE: 1999-08-23
PRIOR FILLING DATE: 1999-08-23
SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 3.0
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Patent No. 6645762
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ORGANISM: Ricinus communis
US-09-900-797-42
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Best Local Similarity 29.2%
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 22.1%; Score 61; DB 4; Length 601; Best Local Similarity 29.2%; Pred. No. 4.6; Matches 14; Conservative 12; Mismatches 20; Indels
APPLICANT: Starks, Courtney M. APPLICANT: Manna, Kathleen R. TITLE OF INVENTION: SYNTHASES FILE REFERENCE: 07678-025001 CURRENT FILING DATE: 2001-06-22 CURRENT FILING DATE: 1999-09-17 PRIOR APPLICATION NUMBER: 06/1308.395 PRIOR APPLICATION NUMBER: 06/1308.395 PRIOR FILING DATE: 1999-09-17 PRIOR PILING DATE: 1999-09-17 PRIOR FILING DATE: 1999-08-23 PRIOR FILING DATE: 1999-08-23 NUMBER OF SEQ ID NOS: 58 CONTWARE: 05/150,262 PRIOR FILING DATE: 1999-08-23 SOFTWARE: PASLSEQ FOR WINDOWS VERSION 3.0 SEQ ID NO 4.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PAGENERAL INCORMATION:
APPLICANT: Chappell, Joseph
APPLICANT: No. 65592911, Joseph
APPLICANT: No. 65592911, Joseph
APPLICANT: No. 65592911, Joseph
APPLICANT: Starks, Courtney M.
APPLICANT: Manna, Kathleen R.
TITLE OF INVENTION: SYNTHASES
FILE REFRENCE: 076796-025001
CURRENT APPLICATION NUMBER: US/09/895,752
CURRENT FILING DATE: 200-06-29
PRIOR PILING DATE: 1999-09-17
PRIOR PILING DATE: 1999-09-17
PRIOR PILING DATE: 1998-09-18
PRIOR FILING DATE: 1998-09-18
PRIOR PILING DATE: 1998-09-18
PRIOR PILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/130,628
PRIOR PILING DATE: 1999-04-22
PRIOR PILING DATE: 1999-04-22
PRIOR PILING DATE: 1999-04-22
PRIOR PILING DATE: 1999-08-23
PRIOR PILING DATE: 1999-08-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-895-752-42; Sequence 42, Application US/09895752; Patent No. 6559297
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ORGANISM: Ricinus communis
US-09-887-586A-42
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US-09-903-012B-42
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Gaps

Patent No. 6569656 GENERAL INFORMATION: APPLICANT: Chappell, Joseph

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Sequence 5828, Ap
Sequence 2846, Ap
Sequence 116, Ap
Sequence 116, App
Sequence 3, Appl
Sequence 31, Appl
Sequence 31, Appl
Sequence 91, Appl
Sequence 670, Appl
Sequence 670, Appl
                                                                                                                                          ; Search time 17.7177 Seconds (without alignments) 1201.796 Million cell updates/sec
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276
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1: /cgn2_6/ptodata/2/pubpaa/PtT_NEW_PUB-Dep:*

2: /cgn2_6/ptodata/2/pubpaa/PtT_NEW_PUB-Dep:*

3: /cgn2_6/ptodata/2/pubpaa/NEW_PUB-Dep:*

4: /cgn2_6/ptodata/2/pubpaa/USO6_NEW_PUB-Dep:*

5: /cgn2_6/ptodata/2/pubpaa/USO6_NEW_PUB-Dep:*

7: cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB-Dep:*

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9: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.Dep:*

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11: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.Dep:*

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13: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.Dep:*

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15: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.Dep:*

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12: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.Dep:*

13: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.Dep:*

14: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.Dep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-10-264-049-2846
US-10-723-860-1797
US-10-751-736-116
US-10-751-736-116
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US-10-786-720-35
US-10-374-979-91
US-10-182-936A-91
US-10-680-287A-670
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Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Match Length DB
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Perfect score:
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## ALIGNMENTS

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RESULT 1
US-1016-698-5828
US-10-106-698-5828
Sequence 5826, Application US/10106698
Publication Wo. US20030109690A1
GENERAL INFORMATION:
ITLE OF INFURITON: Colon and Colon Cancer Associated Polymucleotides and Polypeptide
ITLE OF INFURITON: Colon and Colon Cancer Associated Polymucleotides and Polypeptide
ITLE OF INFURITON: Colon and Colon Cancer Associated Polymucleotides and Polypeptide
CURRENT APPLICATION NUMBER: 2002-03-27
CURRENT PILING DATE: 2000-03-28
FRIOR APPLICATION NUMBER: US 60/157,137
FRIOR APPLICATION NUMBER: US 60/157,137
FRIOR APPLICATION NUMBER: US 60/157,137
FRIOR APPLICATION NUMBER: US 60/163,280
FRIOR FILING DATE: 1999-10-3
FRIOR FILING DATE: 1999-10-3
FRIOR FILING DATE: 1999-11-03
FRIOR FILING DA
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      Query Match
Best Local Similarity 98.0%
Warches 50; Conservative
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Best Local Similarity 66.7
Matches 34; Conservative
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ORGANISM: Xenopus laevis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
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SEQ ID NO 8
LENGTH: 842
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APPLICANT: Ginsburg, Wendy M.
APPLICANT: Ginsburg, Wendy M.
APPLICANT: Ginsburg, Wendy M.
APPLICANT: Ginsburg, Wendy M.
APPLICANT: Ginsburg, Wendy M.
APPLICANT: Lordink, Albert
TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma Modulators
FILE REFERENCE: 0582.0193.NPUS01
CURRENT PAPLICATION NUMBER: US/10/723,860
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: 60/429,739
PRIOR FILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 8393
SOFTWARE: PatentIn Version 3.2
SEQ ID NO 1797
LENGTH: 843
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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                                                          Length 155;
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TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PAI33PC
CURRENT APPLICATION NUMBER: US/10/264,049
CURRENT FILING DATE: 2002-10-04
PRIOR APPLICATION NUMBER: US/(VS01/18569)
PRIOR APPLICATION NUMBER: US 60/209,467
PRIOR FILING DATE: 2000-06-07
PRIOR FILING DATE: 2000-06-07
PRIOR FILING DATE: 2000-06-07
SOFTWARE: PALENTIN NOS: 4306
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                                                      Score 272; DB 14;
Pred. No. 7.5e-29;
1; Mismatches 0;
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Pred. No. 1.9e-28;
1; Mismatches 0;
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                                                                                                                                                                                                                                                                        ; Sequence 2846, Application US/10264049; Publication No. US20040005579A1; GENERAL INFORMATION:
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98.0%;
                                                          98.6%;
                                                                            Best Local Similarity 98.0
Matches 50; Conservative
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Matches 50; Conservative
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US-10-723-860-1797
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      ; US-10-106-698-5828
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US-10-264-049-2846
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US-10-723-860-1797
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LENGTH: 347
TYPE: PRT
                                                            Query Match
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APPLICANT: Martinez, Robert
APPLICANT: Brown, Bugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AM100927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
PRIOR FILING DATE: 2003-01-06
PRIOR FILING DATE: 2003-01-06
PRIOR FILING DATE: 2003-01-06
PRIOR FILING DATE: 2003-01-06
PRIOR FILING DATE: 2003-01-06
PRIOR FILING BATE: 2003-01-06
PRIOR FILING DATE: 2003-01-06
PRIOR F
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US-09-798-81-8
US-09-798-81-8
Sequence 8, Application US/09798811
Faquence 8, Application US/09798811
Fatent No. USZ0010052137A1
GENERAL INFORMATION:
TITLE OF INVENTION: SYNTHASE KINASE 3 (BETA) ACTIVITY AND ACTIVATORS OF GLYCOGEN
TITLE OF INVENTION: SYNTHASE KINASE 3 (BETA) ACTIVITY AND ACTIVATORS OF WNT
TITLE OF INVENTION: SIGNALING
TITLE OF INVENTION: SYNTHASE XINASE 3 (BETA) ACTIVITY AND ACTIVATORS OF WNT
TITLE OF INVENTION: SIGNALING
TITLE OF INVENTION: SYNTHASE XINASE 3 (BETA) ACTIVITY AND ACTIVATORS OF WNT
TITLE OF INVENTION: SOFILOS 3091/30601
CURRENT FILING DATE: 2001-03-01
FRIOR PRILING DATE: 2000-03-01
NUMBER OF SEQ ID NOS: 12
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     Length 843,
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98.0%; Pred. No. 5.3e-28;
tive 1; Mismatches 0;
Score 272; DB 16;
Pred. No. 5.3e-28;
1; Mismatches 0;
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Pred. No. 1.8e-17;
9; Mismatches 8;
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Gaps

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GENERAL INFOGRATION:
APPLICANT: Allen, Kristina M.
APPLICANT: Anisowicz, Anthony
APPLICANT: Anisowicz, Anthony
APPLICANT: Anisowicz, Anthony
APPLICANT: Damagnez, Veronique
APPLICANT: Bawcreky, Paul
APPLICANT: Robinson, John
APPLICANT: Robinson, John
APPLICANT: Rawcreky, Paul
FILE REFERENCE: 032796-143
CURRENT APPLICANT: VERONICAN: Reagents and Method for Modulating DKK-Mediated Interactions
FILE REFERENCE: 032796-143
CURRENT APPLICANTON NUMBER: US/10/182,936A
CURRENT APPLICATION NUMBER: US 60/291,311
PRIOR APPLICATION NUMBER: US 60/291,311
PRIOR FILING DATE: 2002-05-17
PRIOR FILING DATE: 2002-06-01
PRIOR FILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 216
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 91
LENGTH: 900
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                                                                                                                                                                                                                                                                                                                                                    Length 900;
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Best Local Similarity 66.7%; Pred. No. 6.7e-17;
Matches 34; Conservative 9; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                    69.2%; Score 191; DB 15; 66.7%; Pred. No. 6.7e-17;
                                                                                                                                                                                                                                                                                                                                                                                                    9; Mismatches
PRIOR APPLICATION NUMBER: US 09/543,771
PRIOR FILING DAFE: 2000-04-05
PRIOR FILING DAFE: 100-113
PRIOR FILING DAFE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 109
SEQ ID NO 91
LENGTH: 900
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 91, Application US/10182936A Publication No. US20040038860A1 GENERAL INFORMATION:
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Bex, Frederick J. III
Bodine, Peter Van Nest
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Best Local Similarity 66.73
Matches 34; Conservative
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APPLICANT: Yaworsky, Pau
APPLICANT: Bex, Frederic
APPLICANT: Bodine, Peter
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US-10-182-936A-91
                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
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                                                               General 36, Application US/10786720

Publication No. US20040191818A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: O'Toole, Margot

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

TITLE OF INVENTION: DISEASES

FILE REFERENCE: 031896-023000 (AM101331L)

CURRENT APPLICATION NUMBER: US/10/786,720

CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARE: Patentin version 3.2

SEQ ID NO 36

LENGTH: 826
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Sequence 35, Application US/10786720

Sequence 35, Application US/10786720

Sequence 35, Application No. US20040191818A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135

SOFTWARE: Patentin version 3.2
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66.7%; Pred. No. 6.3e-17;
tive 9; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 191; DB 16; Length 826;
Pred. No. 6e-17;
9; Mismatches 8; Indels
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Sequence 91, Application US/10374979
Publication No. US20030219793A1
GENERAL INFORMATION:
TITLE OF INVENTION: HE HIGH BONE MASS GENE OF 11q13.3
FILE REPERENCE: 032796-021
CURRENT APPLICATION NUMBER: US/10/374,979
CURRENT FILING DATE: 2003-03-04
PRIOR APPLICATION DATE: 2000-04-05
PRIOR FILING DATE: 2000-04-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 69.2%;
Best Local Similarity 66.7%;
Matches 34; Conservative
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Best Local Similarity 66.7
Matches 34; Conservative
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ORGANISM: Homo sapiens
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                                  RESULT 6
US-10-786-720-36
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US-10-092-900A-270
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WS-10-680-287A-670

Sequence 670, Application US/10680287A

Publication No. US20040244069A1

GENERAL INFORMATION:

APPLICANT: Babij, Philip

APPLICANT: Babij, Philip

APPLICANT: Bodine, Peter Van Nest

TITLE OF INVERION: Transgenic Animal Model of Bone Mass Modulation

FILE REFERENCE: 032796-179

CURRENT APPLICATION: Transgenic Animal Model of Bone Mass Modulation

FILE REFERENCE: 032796-179

CURRENT APPLICATION UNMERS: US/10/680,287A

CURRENT PILING DATE: 2003-10-08

PRIOR PELING DATE: 2003-05-17

PRIOR PELING DATE: 2001-05-17

PRIOR PELING DATE: 2001-05-17

PRIOR PELING DATE: 2001-05-17

PRIOR PELING DATE: 2002-05-17

PRIOR PELING DATE: 2002-05-17

PRIOR PELING DATE: 2002-03-04

PRIOR FILING DATE: 2002-03-04

PRIOR FILING DATE: 2002-03-04

PRIOR PELING DATE: 2002-03-04

NUMBER OF SEQ ID NOS: 812

SEQ ID NO 670

FENCINE PARTING DATE: 2002-03-04

FENCINE PARTING DATE: 2002-03-04

FENCINE PARTING DATE: 2002-03-04

PRIOR PELING DATE: 2002-03-04

FENCINE PARTING DATE: 2002-03-04

PRIOR PELING DATE: 2003-03-04

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TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 LTLGHFKEQLSKKGNYRYYFKKASDEFACGAVFEEIWDDETVLPMYEGRIL 51
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 900;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            69.2%; Score 191; DB 16; 66.7%; Pred. No. 6.7e-17; vative 9; Mismatches 8;
                CURRENT APPLICATION NUMBER: US/10/477,238A
CURRENT PILING DATE: 2003-11-10
PRIOR APPLICATION NUMBER: US 60/290,071
PRIOR PILING DATE: 2001-05-11
PRIOR PILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: US 60/291,311
PRIOR APPLICATION NUMBER: US 60/353,058
PRIOR APPLICATION NUMBER: US 60/353,058
PRIOR FILING DATE: 2002-02-01
PRIOR FILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 812
SOFTWARE: FASELSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 66.7%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-477-238A-670
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                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 670
LENGTH: 900
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RESULT 12 US-10-477-173-670 Sequence 670, Application US/10477173 ; Publication No. US20050070699A1

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                                                                                                   APPLICANT: Liu, Wei
TITLE OF INVENTION: HBM Variants that Modulate Bone Mass and Lipid Levels
FILE REFERENCE: 032796-135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 LTLGHFKEQLSKKGNYRYYFKKASDEFACGAVFEEIWDDETVLPMYEGRIL 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 191; DB 17; Length 900; Pred. No. 6.7e-17; 9; Mismatches 8; Indels
Genome Therapeutics Corporation and
Allen, Kristina M.
Yaworsky, Paul
                                                                                                                                           Sequence 270, Application US/10092900A
Publication No. US20040043382A1
GENERAL INFORMATION:
APPLICANT: Space, Kimberly A.
APPLICANT: Shency, Suresh G.
APPLICANT: Taupier Jr., Raymond J.
APPLICANT: Pena, Carol E.A.
APPLICANT: Li, Li
APPLICANT: Zertusen, Bryan D.
APPLICANT: Gusev, Vladimir Y.
APPLICANT: Gusev, Vladimir Y.
APPLICANT: Gusev, Vladimir Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Guo, Xiaojia Sasha
Tchernev,, Velizar T.
Fernandes, Elma R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gorman, Linda
Miller, Charles E.
Kekuda, Ramesh
Patturajan, Meera
Gangolli, Esha A.
Vernet, Corine A.M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Anderson, David W. Spaderna, Steven K. Catterton, Elina Leite, Mario W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Casman, Stacie J.
Malyankar, Uriel M.
Gerlach, Valerie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Rieger, Daniel K.
Burgess, Catherine
                                                APPLICANT: Morales, Arturo J.
APPLICANT: Graham, James R.
APPLICANT: Anisowicz, Anthony
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 66.7%;
Matches 34; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Alsobrook, John P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Lepley, Denise M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nong, Haihong
                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Homo sapiens
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Gaps

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1 LTLGHFKEQLSKKGNYRYYFKKASDEFACGAVFEEIWDDETVLPMYEGRIL 51
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40.2%; Score 111; DB 15; Length 437;
Best Local Similarity 43.1%; Pred. No. 2.5e-06;
Matches 22; Conservative 12; Mismatches 15; Indels
                                                                                                                                                                         Length 211;
                                                                                                                                                                           40.2%; Score 111; DB 15;
43.1%; Pred. No. 1.1e-06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: NAGALARI, KENJI
APPLICANT: MASUHO, YASUHIKO
TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
FILE REFERENCE: 084335/0160
CURRENT APPLICATION NUMBER: US/10/094,749
CURRENT FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 60/350,435
PRIOR FILING DATE: 2002-01-24
PRIOR PILING DATE: 2001-09-14
PRIOR APPLICATION NUMBER: JP 2001-328381
PRIOR FILING DATE: 2001-09-14
NUMBER OF SEQ ID NOS: 3381
                                                                                                                                                                                                                                12; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Search completed: October 25, 2005, 16:16:43 Job time : 18.7177 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2273, Application US/10094749
Publication No. US20030219741A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: 150GAI, TAKAO
APPLICANT: SUGIYAMA, TOMOYASU
APPLICANT: OTGUKL, TETSUJI
APPLICANT: SATO, HIROYUKI
APPLICANT: SATO, HIROYUKI
APPLICANT: ISHII, SHIZUKO
APPLICANT: YOUNG
APPLICANT: YOUNG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEKI, NAOHIKO
YOSHIKAWA, TSUTOMU
OTSUKA, MOTOYUKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TAMECHIKA, ICHIRO
                                                                                                                                                                              Query Match
Best Local Similarity 43.14
Matches 22; Conservative
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2052
LENGTH: 211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTSUKA, KAORU
NAGAI, KEIICHI
IRIE, RYOTARO
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CORGANISM: Homo sapiens
US-10-094-749-2273
                                                                            TYPE: PRT
CORGANISM: Homo sapiens
US-10-094-749-2052
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LENGTH: 437
                                                                                                                                                                                                                              Matches
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TITLE OF INVENTION: No. US20040043382Alel Proteins and Nucleic Acids Encoding Same FILE REFERENCE: 21402-290C CURRENT APPLICATION NUMBER: US/10/092,900A CURRENT FILING DATE: 2002-03-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
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SEQ ID NO 270
LENGTH: 912
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SSS VILGQFKELLIKKGSYRYYFKKVSDEFDCGVVFEEVREDEAVLPVFEEKII 905
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                                                                          CURRENT FILING DATE: 2002-03-07
PRIOR APPLICATION NUMBER: USSN 60/274,322
PRIOR FILING DATE: 2001-03-08
PRIOR FILING DATE: 2001-03-08
PRIOR FILING DATE: 2001-03-08
PRIOR FILING DATE: 2001-04-13
PRIOR PELING DATE: 2001-04-13
PRIOR PLING DATE: 2001-03-08
PRIOR FILING DATE: 2001-03-09
PRIOR PLING DATE: 2001-03-09
PRIOR FILING DATE: 2001-03-30
PRIOR FILING DATE: 2001-03-30
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APPLICANT: SEKI, MACHIKO
APPLICANT: YOSHIKAWA, TSUTOMU
APPLICANT: OTSUKA, MOTOYUKI
APPLICANT: NAGAHARI, KENJI
APPLICANT: NAGAHARI, KENJI
APPLICANT: NAGAHARI, KENJI
TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 084335/0160
CURRENT APPLICATION NUMBER: US/10/094,749
CURRENT FILING DATE: 2002-03-12
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PRIOR APPLICATION NUMBER: 60/350,435
PRIOR FILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: JP 2001-328381
PRIOR FILING DATE: 2001-09-14
NUMBER OF SEQ ID NOS: 3381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2052, Application US/10094749 Publication No. US20030219741A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          YAMAMOTO, JUN-ICHI
ISONO, YUUKO
HIO, YURI
OTSUKA, KAORU
NAGAI, KELICHI
IRIE, RYOTARO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: ISOGAI, TAKAO
APPLICANT: SUGIYAMA, TOMOYASU
APPLICANT: OTSUKI, TETSUJI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WAKAMATSU, AI
SATO, HIROYUKI
ISHII, SHIZUKO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens
US-10-092-900A-270
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 34; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-094-749-2052
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APPLICANT:
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APPLICANT:
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APPLICANT:
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Gaps

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Sequence 8, Appli
Sequence 15, Appl
Sequence 270, Appl
Sequence 2846, Appl
Sequence 16, Appl
Sequence 91, Appl
Sequence 670, Appl
Sequence 670, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1797, Ap
Sequence 116, App
                                                                                                                                               ; Search time 291.821 Seconds (without alignments) 1201.796 Million cell updates/sec
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                                                                                                                                                                                                                                                  US-09-587-574-1
4445
1 MSSAVLVTLLPDPSSSFRED.......DETVLPMYEGRILGKVERID 840
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Published Applications AA:*

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12: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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6 US-10-751-736-116
US-09-798-831-8
US-10-786-720-35
5 US-10-092-900A-270
5 US-110-64-049-28446
6 US-10-374-979-91
5 US-10-17-2384-670
6 US-10-17-2384-670
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                    October 25, 2005, 15:41:38
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match Length DB
                                                                                                   protein search,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       990.6
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                                                                                                          protein
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                                                                                                                                                       Run on:
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APPLICANT: AZIZ, Natasha
APPLICANT: AZIZ, Natasha
APPLICANT: Ginsburg, Wendy M.
APPLICANT: Ginsburg, Wendy M.
APPLICANT: John T. Zinchik, Albert
TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions & TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
FILE REFERENCE: 05882.0193.NPUS01
CURRENT APPLICATION NUMBER: US/10/723,860
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: 60/429,739
PRIOR FILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 8393
SOFTWARE: Patentin version 3.2
SEQ ID NO 1797
                                                                        Sequence 848, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 1, Appl
Sequence 11, Appl
Sequence 1728, Appli
Sequence 4, Appli
Sequence 2, Appli
Sequence 1650, Appl
Sequence 1670, Appl
Sequence 1870, Appl
Sequence 107, Appl
Sequence 107, Appl
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Sequence 1107, Appl
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                  Sequence 34, Appl
Sequence 5828, Ap
Sequence 3015, Ap
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Sequence 339, App
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6 US-10-786-720-34
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0 US-11-097-143-3015
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US-09-99-422-13
8 US-10-899-422-13
8 US-10-894-44-4
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Query Match 90.6%; Score 4027.5; DB 16; Length 843; Best Local Similarity 89.7%; Pred. No. 1.1e-276; Matches 758; Conservative 31; Mismatches 49; Indels 7;

TYPE: PRT
CRGANISM: Homo sapiens
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; Sequence 8, Application US/09798831
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                                                                                                                                                                                                                                                                                                      APPLICANT: Brown, Eugene APPLICANT: Liu, Wei TITLE OP INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TITLE OP INVENTION: CANCERS FILE REFERENCE: AM100927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000 PRIOR FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE: Patentin version 3.2
SEQ ID NO 116
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Publication No. US20040265230A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Martinez, Robert
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ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       180 AVMEENAYQVFLTSDIYLEYVRSGGENTAYMS--NGGLGSLKVLCGYLPTLNEEEEWTC- 236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GYVFAPATSANDSE---LSSDALTDDSMSMTDSSVDGVPPYRMGSKKQLQREMHRSVKAN 344
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                                                                                                      MNT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DPSSSFREDAPRPPVPGEEGE--TPPCQPSVGKVQSTKPMPV----SSNARRNEDGLG- 63
                             GENERAL INFORMATION:
APPLICANT: KLEIN, Peter S.
TITLE OF INVENTION: AXIN DOMAIN-LIKE POLYPEPTIDE INHIBITORS OF GLYCOGEN
TITLE OF INVENTION: SYNTHABE KINASE 3 (BETA) ACTIVITY AND ACTIVATORS OF W
TITLE OF INVENTION: SIGNALING
TITLE OF INVENTION: SIGNALING
TITLE OF INVENTION: SIGNALING
CURRENT PRILICATION NUMBER: US 69/9/798,831
CURRENT FILING DATE: 2001-03-01
PRIOR APPLICATION NUMBER: US 60/186,141
PRIOR APPLICATION NUMBER: US 60/186,141
SHIOR PLING DATE: 2000-03-01
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          37.2%; Score 1654.5; DB 9; Length 842;
larity 42.5%; Pred. No. 2.8e-108;
Conservative 125; Mismatches 246; Indels 149;
                                                                                                                                                                                                                                                                                                                                                                                                                                                   37.2%;
al Similarity 42.5%;
385; Conserved
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              Patent No. US20010052137A1
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Best Local S
Matches 385
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                                                                                 835
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  181 MEDQAQTEIQATMEENTYPSFLKSDIYLEYTRTGSESPKVCSDQSSGSGTGKGISGYLPT
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                      ----KPQKKUVSAPSQPCDNIVVAYYFCGEPIPYR
                                                                                 776 RMLKAQSLTLGHFKEQLSKKGNYRYYFKKASDEFACGAVFEEIWDDETVLPMYEGRILGK
SQQRDRNHSAAGQAGASPFANPSLAPEDHKEPKKLASVHALQASELVVTYFFCGEEIPYR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        36.4%; Score 1619.5; DB 16; Length 862;
llarity 41.9%; Pred. No. 8.9e-106;
Conservative 127; Mismatches 251; Indels 155; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12 DPSSSFREDAPRPPVPGEEGETPPCQPSVGKVQSTKPMPVS-
                                                                                                                                                                                                                                                                                                                  Sequence 35, Application US/10786720;
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth:
APPLICANT: Wyeth:
APPLICANT: Liu, Wei
TITLE OF INVENTION: OLSEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT APPLICATION NUMBER: US/10/786,720
NUMBER OF SEQ ID NOS: 21135
SEQ ID NO 35
SEQ ID NO 35
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PRIOR FILING DATE: 2001-03-08	Query Match 36.4%; Score 1617; DB 15; Length 912; Best Local Similarity 41.4%; Pred. No. 1.5e-105; Matches 384; Conservative 125; Mismatches 246; Indels 172; Gaps 29;	12   DPSSSFREDAPRPPUGEBGETPPCQPSVGKVQSTKPWFVSSN 54
	Qy 823 TVLPMYEGRILGKVERID 840        :   :           : :    Db 845 AVLPVFEEXIIGKVEKVD 862	RESULT 5 US-10-029-900A-270 Sequence 270, Application US/10092900A Publication No. US20040043382A1 Sequence 270, Application US/10092900A Publication No. US20040043382A1 GENERAL INPORMATION: APPLICANT: Padigaru, Muralidhara APPLICANT: Shenoy, Suresh G. APPLICANT: Taupier Jr., Raymond J. APPLICANT: Li, Li APPLICANT: Li, Li APPLICANT: Gusev, Vladimir Y. APPLICANT: Grant Linda APPLICANT: Rekuda, Ramesh APPLICANT: Rekuda, Ramesh APPLICANT: Rekuda, Ramesh APPLICANT: Remain Neera APPLICANT: Refarrer, Velicar F. APPLICANT: Grant Sequence Sequence Sequence APPLICANT: Grant Sequence Sequence Sequence APPLICANT: Grant Sequence

QY         734 FANPSLAPEDHKEPKKLASVHALQASELVVTVFFCGEEIPYRRMLKAQSLTLGHFKEQLS 793           Db         241 FSNPSLAPEDHKEPKKLAGVHALQASELVVTYFFCGEEIPYRRMLKAQSLTLGHFKEQLS 300           Qy         794 KKGNYRYYFKKASDEFACGAVFEEIWDDETVLPMYEGRILGKVERID 840           Db         301 KKGNYRYYFKKASDEFACGAVFEEIWEDETVLPMYEGRILGKVERID 347	RESULT 7 US-10-786-720-36 Sequence 36, Application US/10786720 Sequence 36, Application US/10786720 Publication No. US20040191818A1 GENERAL INFORMATION: APPLICANT: Wyeth APPLICANT: O'Toole, Margot APPLICANT: O'Toole, Margot TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE TITLE OF INVENTION: DISEASES TITLE OF INVENTION: DISEASES TITLE OF INVENTION: USABSOO (AMI01331L) CURRENT APPLICATION NUMBER: US/10/786,720 CURRENT PILING DATE: 2004-02-26	9 9	12 DPSSSFREDAPRPPVPGEEGETPPCQPSVGKVQSTKPMPVSSN 54	Qy	241 LNEDEEWKCDQDMDEDD 277 SDPVNPYHVGSGYVPAP 299 -EPVNPYYVNAGYALAP 334 QREWHRSYKANGGYALAP	Db 353 RREMOESUGNIGRUPLHI PRITYRVPKEVR-VEPOCKFAEELIHRILBAVORTREABEEKLEE 411  Oy 394 RLOQIREDEEKEGSOALSSRDGAPVQHPLALLPSGSYEEDPOTI 438
DD   G11 SFAWGLEPHSHGARSRGYSESVGAAPNASDGLAHSG-KVGVACKRNAKKAESGKSAST 667   Qy   595 GGMSSAAGGPQLPGEEGDRSQDVWQWMLESERQSKSKPHSAQSIRKSYPLESARA 649   DD   C68EVPGASEDAEKNQKIMQWIIEGEREISHHRTGHGSSGTRKPQPHENSRP 717   Qy   650 APGERVSRHHLLGASGHSRSVARAHPFTQDPAMPLTPPNTRAGGERGCRLAEVSK 706   QD   C18	707 - 773 R 754 H 826 S 814 V	RESULT 6 US-10-264-049-2846 US-10-264-049-2846 US-10-264-049-2846 US-10-264-049-2846 Sequence 2846, Application US/10264049 Sequence 2846, Application No. US20040005579A1 GENERAL INFORMATION: TAPLICANT: BITES et al. TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PA133P1 CURRENT APPLICATION UNDBER: US/10/264,049 CURRENT APPLICATION UNDBER: US/10/264,049	PRIOR APPLICATION NUMBER: PCT/USO1/18569 PRIOR FILING DATE: 2001-06-07 PRIOR FILING DATE: 2000-06-07 NUMBER OF SEQ ID NOS: 4360 SOFTWARE: Patentin Ver: 3.1 LENDTH: 347		1615.5; DB 15; Length 347; No. 4.7e-106; matches 33; Indels 1; Gaps 1; AVPKTKEBIEAEATORVRCLCPGGTDYYCYSKCK 554	CPLLGGKGFVTKQTTKHVHHYIHHAVEKTKEEIEAEATQRVHCFCPGGSEYYCYSKCK 60   S55 SHPKAPEPLPGEQFCGSRGGTLFKRNAKGTEPGLALSARDGGMSSAAGGPQLFGEEGDRS 614

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---ADLKCKLSPTVVGLSSKTLRATASVRSTETAENGFRSFKR 276
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PRIOR PELING DATE: 2002-05-17
PRIOR APPLICATION NUMBER: US 60/291,311
PRIOR FILING DATE: 2001-05-17
PRIOR PELING DATE: 2001-05-17
PRIOR PLING DATE: 2002-02-01
PRIOR PLING DATE: 2002-02-01
PRIOR APPLICATION NUMBER: US 60/361,293
PRIOR PILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 216
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874 VFEEVREDEAVLPVFEEKIIGKVEKVD 900
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; Publication No. US20040038860A1
; GENERAL INFORMATION:
; APPLICANT: Allen, Kristina M.
; APPLICANT: Anisowicz, Anthony
; APPLICANT: Bhat, Bheem
; APPLICANT: Damagnez, Veronique
; APPLICANT: Robinson, John
; APPLICANT: Yaworsky, Paul
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                                                                                                779 KAQSLTLGHFKEQLSKKGNYRYYFKKASDEFACGAVFEEIWDDETVLPMYEGRILGKVER 838
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                                                                             PQLPG--EEGDRSQDVWQWMLESERQ---SKSKPHSAQSIRKSYPLESARAAPGERVSRH
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                                   GENERAL LINCHMATION:

J GENERAL LINCHMATION:

TITLE OF INVENTION: THE HIGH BONE MASS GENE OF 11q13.3

FILE REFERENCE: 032796-021

CURRENT APPLICATION NUMBER: US/10/374,979

CURRENT APPLICATION NUMBER: US/9544,398

PRIOR APPLICATION NUMBER: US 09/544,398

PRIOR APPLICATION NUMBER: US 09/543,771

PRIOR FILING DATE: 2000-04-05

PRIOR FILING DATE: 2000-04-05

PRIOR FILING DATE: 1999-01-13

PRIOR FILING DATE: 1999-01-13

PRIOR FILING DATE: 1998-01-13

PRIOR FILING DATE: 1998-01-13

PRIOR FILING DATE: 1998-10-13

PRIOR FILING DATE: 1998-10-13

PRIOR FILING DATE: 1998-10-23

NUMBER OF SEQ ID NOS: 109

SEQ ID NO 91
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Best Local Similarity
Matches 382; Conserv
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VD 826
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APPLICANT: Yaworsky, Paul TILE OF INVENTION: Reagents and Method for Modulating DKK-Mediated Interactions TILE OF INVENTION: Reagents and Method for Modulating DKK-Mediated Interactions CURRENT APPLICATION NUMBER: US/10/182,936A CURRENT FILING DATE: 2002-08-02
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277 SDPVNPYHVGSGYVPAPATSANDSE---LSSDALTDDSMSMTDSSVDGVPPYRMGSKKQL
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                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/477,238A
CURRENT FILING DATE: 2003-11-10
PRIOR PLING DATE: 2003-11-10
PRIOR FILING DATE: 2001-05-11
PRIOR PILING DATE: 2010-05-11
PRIOR APPLICATION NUMBER: US 60/290,071
PRIOR APPLICATION NUMBER: US 60/291,311
PRIOR APPLICATION NUMBER: US 60/353,058
PRIOR APPLICATION NUMBER: US 60/353,058
PRIOR APPLICATION NUMBER: US 60/351,293
PRIOR PILING DATE: 2002-02-01
PRIOR PILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 812
SOFTWARE: FASSEQ for Windows Version 4.0
                                                                                                                   APPLICANT: Babij, Philip
APPLICANT: Yaworsky, Paul
APPLICANT: Bex, Frederick J. III
APPLICANT: Bodine, Peter Van Nest
TITLE OF INVENTION: Transgenic Animal Model
874 VFEEVREDEAVLPVFEEKIIGKVEKVD 900
                                                                         ; Sequence 670, Application US/10477238A
; Publication No. US20040221326Al
; GENERAL INFORMATION:
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US-10-477-238A-670
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Best Local Similarity
Matches 382; Conserv
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US-10-477-238A-670
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                                                                                                                                             Gaps
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                                                                                                              Query Match 36.1%; Score 1605; DB 15; Best Local Similarity 41.2%; Pred. No. 1e-104; Matches 382; Conservative 125; Mismatches 248;
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   SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 91
                                                      TYPE: PRT
ORGANISM: Homo sapiens
                                                                                   US-10-182-936A-91
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158 CTGFRKLEPCDSNEEKRLKLARAIYRKYILDNNGIVSRQTKPATKSFIKGCIMKQLIDPA 217
                                                           170 MFDQAQTEIQAVMEENAYQVFLTSDIYLEYVRSGGENTAYMS--NGGLGSLKVLCGYLPT 227
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FILE REFERENCE: 032796-135
CURRENT APPLICATION NUMBER: US/10/477,173
CURRENT FILING DATE: 2003-11-10
PRIOR APPLICATION NUMBER: US 60/290,071
PRIOR FILING DATE: 2001-05-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                541 PVALGGAASGHGKHVPKSGAKLDAAGLHHRRHVHHV--HHSTARPKEQVEAEATRRAQS
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Publication No. US20050070699A1
GENERAL INFORMATION:
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APPLICANT: Babij, Philip
APPLICANT: Babij, Philip
APPLICANT: Aworsky, Paul
APPLICANT: Aworsky, Paul
APPLICANT: Padine, Peter Van Nest
TILE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
FILE REFERENCE: 032796-179
CURRENT APPLICATION: Transgenic Animal Model of Bone Mass Modulation
FILE REFERENCE: 032796-179
CURRENT APPLICATION: Transgenic Animal Model of Bone Mass Modulation
FILE REFERENCE: 032796-179
CURRENT APPLICATION: TRANSER: US/10/680,287A
CURRENT APPLICATION NUMBER: US 60/290,071
PRIOR FILING DATE: 2002-05-13
PRIOR FILING DATE: 2001-05-17
PRIOR APPLICATION NUMBER: US 60/291,311
PRIOR FILING DATE: 2001-05-17
PRIOR FILING DATE: 2001-05-17
PRIOR FILING DATE: 2002-02-01
PRIOR FILING DATE: 2002-02-01
PRIOR FILING DATE: 2002-03-04
PRIOR FILING DATE: 2002-03-04
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PRIOR APPLICATION NUMBER: US 60/291,311
PRIOR FILING DATE: 2001-05-17
PRIOR APPLICATION NUMBER: US 60/353,058
PRIOR FILING DATE: 2002-02-01
PRIOR PLILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 1086
NUMBER OF SEQ ID NOS: 1086
SEQ ID NO 670
                                                                                                             TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                          ; ORGANISM: Hom
US-10-477-173-670
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APPLICANT: Ruben et al. TITLE OF INTITLE OF INTITLE OF SANOIS BOLYDUCLEOLIGES and Polypeptide FILE REFERENCE: PA00551 CURRENT APPLICATION NUMBER: US/10/106,698
                                                                                                                                                                                     Sequence 34, Application US/10786720

Publication No. US20040191818A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'TOOLe, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: US/10/786,720
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
CURRENT FILING DATE: 2004-02-26
SOFTWARE: Patentin version 3.2
SEQID NOS: 21135
SEQID NO 34
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ARRNEDGLG-EPEGRASPDSPLTRWTKSLHSLLGDQDGAYLFRTFLEREKCVDTLDFWFA
754 HALQASELUVITYFFCGEEIPYRRMLKAQSLTLGHFKEQLSKKGNYRYYFKKASDEFACGA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Score 860; DB 16;
; Pred. No. 2.9e-52;
50; Mismatches 82;
                                                                      VFEEIWDDETVLPMYEGRILGKVERID 840
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 5828, Application US/10106698; Publication No. US20030109690A1; GENERAL INFORMATION:
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ilarity 50.5%;
Conservative 50
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US-10-786-720-34
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Best Local Similarity
Matches 192; Conserv
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US-10-106-698-5828
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US-10-786-720-34
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PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3015
LENGTH: 745
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                                                                                                                           ORGANISM: DROSOPHILA
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APPLICANT: et al.
ITILE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
ITILE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
ITILE OF INVENTION: DROSOPHILA GENES.
ITILE OF INVENTION: DROSOPHILA GENES.
ITILE OF INVENTION: DROSOPHILA GENES.
ITILE OF INVENTION: DROSOPHILA GENES.
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT APPLICATION NUMBER: (0/157,832
PRIOR FILING DATE: 1999-10-05
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-12
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PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 2000-01-12
PRIOR FILING DATE: 2000-01-12
PRIOR FILING DATE: 2000-01-12
PRIOR PLLING DATE: 2000-01-12
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Pred. No. 6.4e-44;
3; Mismatches 11; Indels
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CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: PCT/US00/26524
PRIOR FILING DATE: 2000-09-28
PRIOR FILING DATE: 1999-09-29
PRIOR FILING DATE: 1999-09-29
PRIOR FILING DATE: 1999-09-29
PRIOR FILING DATE: 1999-01-03
NUMBER OF SEQ ID NOS: 8564
SOFWARE: PATENTY DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 8564
SEQ ID NO 5828
LENGTH: 155
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                                                                                                                                                                                                                                                                                             NAME/KEY: MISC_FEATURE
LOCATION: (5)
OTHER INFORMATION: Xaa equals any of
NAME/KEY: MISC_FEATURE
LOCATION: (7)
OTHER INFORMATION: Xaa equals any of
NAME/KEY: MISC_FEATURE
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Best Local Similarity 90.8%;
Matches 139; Conservative
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                                                                                                                                                                                                                                                                                                                                                               126 KILRVAKAIYKRYIENNSVVSKQLKPATKTYIRDGIKKO---QIGSVMFDQAQTEIQAVM 182
                                                                                                                                                                                                                                                                                                                                                                                                           230 EEEE------WICADLKCKLSPIVVGLSSKTLRAIASVRSIE 265
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  275 TLPTLHEDSVLSLCDDFEKVQMQEGGGSLGSGSVGAGARAPDYPIRLTRDLLIATQKRRL 334
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          279 PVNPYHVGSGYVFAPAT-----SANDSE---LSSDALTD-DSMSMTDSSVDGVPPYR 326
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                                                                                                                                                                       5 PSGIRKHDDNECSGPRPPVPGEE------SRVKKMTEGVADTSK
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                                                                                                                                                                                                                                             68 RASPDSPLTRWTKSLHSLLGDQDGAYLFRTFLEREKCV -- DTLDFWFACNGFRQMNLKDT
                                                                                                                                                                                                                                                                                183 EENAYQVFLTSDIYLEYVR-----SG--GENTAYMSNGGLGSLKVLCGYLPTLN
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                                                               341;
   DB 20; Length 745;
                                                               Indels
Query Match 10.3%; Score 457.5; DB 20; Best Local Similarity 22.2%; Pred. No. 2.2e-23; Matches 212; Conservative 125; Mismatches 277;
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Search completed: October 25, 2005, 16:16:39 Job time : 296.821 secs

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